

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080521\
 Data File : VX023564.D
 Acq On : 05 Aug 2021 11:54
 Operator : JC/MD
 Sample : VX0805WBSD02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0805WBSD02

Manual Integrations
 APPROVED

MMDadoda
 8/6/2021 5:41:10 PM

Quant Time: Aug 06 03:21:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 06:05:38 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.562	168	205874	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	324227	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	302950	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	141217	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	135670	52.829	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 105.660%			
35) Dibromofluoromethane	5.397	113	105865	52.222	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.440%			
50) Toluene-d8	8.653	98	390479	52.427	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 104.860%			
62) 4-Bromofluorobenzene	11.085	95	144817	57.180	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 114.360%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	37001	19.535	ug/l	98
3) Chloromethane	1.294	50	41685	18.893	ug/l	98
4) Vinyl Chloride	1.374	62	41969	18.791	ug/l	99
5) Bromomethane	1.599	94	28837	21.748	ug/l	94
6) Chloroethane	1.685	64	27192	19.838	ug/l	98
7) Trichlorofluoromethane	1.886	101	70949	19.717	ug/l	96
8) Diethyl Ether	2.136	74	26140	19.682	ug/l	88
9) 1,1,2-Trichlorotrifluo...	2.331	101	41409	20.313	ug/l	95
10) Methyl Iodide	2.453	142	51536	20.178	ug/l	97
11) Tert butyl alcohol	2.971	59	58800	100.229	ug/l	98
12) 1,1-Dichloroethene	2.319	96	37742	18.658	ug/l	96
13) Acrolein	2.239	56	28423	96.147	ug/l	99
14) Allyl chloride	2.666	41	70135	19.070	ug/l	92
15) Acrylonitrile	3.069	53	136186	102.801	ug/l	99
16) Acetone	2.386	43	123132	97.742	ug/l	93
17) Carbon Disulfide	2.514	76	81227	16.284	ug/l	98
18) Methyl Acetate	2.709	43	62258	20.789	ug/l	93
19) Methyl tert-butyl Ether	3.123	73	141539	20.123	ug/l	98
20) Methylene Chloride	2.794	84	46520	18.984	ug/l	88
21) trans-1,2-Dichloroethene	3.093	96	40556	18.873	ug/l	99
22) Diisopropyl ether	3.770	45	144174	19.859	ug/l	96
23) Vinyl Acetate	3.727	43	651517	101.661	ug/l #	93
24) 1,1-Dichloroethane	3.611	63	78919	19.778	ug/l	97
25) 2-Butanone	4.568	43	196104	100.271	ug/l	97
26) 2,2-Dichloropropane	4.483	77	62901	19.274	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	49099	19.674	ug/l	97
28) Bromochloromethane	4.910	49	35723	19.183	ug/l	95
29) Tetrahydrofuran	5.019	42	130055	101.452	ug/l	87
30) Chloroform	5.105	83	82245	20.138	ug/l	97
31) Cyclohexane	5.477	56	69132	18.172	ug/l	98
32) 1,1,1-Trichloroethane	5.391	97	69660	19.957	ug/l	98
36) 1,1-Dichloropropene	5.696	75	58388	19.907	ug/l	99
37) Ethyl Acetate	4.727	43	73191	19.792	ug/l #	95
38) Carbon Tetrachloride	5.684	117	59419	19.921	ug/l	97
39) Methylcyclohexane	7.385	83	73180	19.757	ug/l	97
40) Benzene	6.044	78	173233	19.921	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080521\
 Data File : VX023564.D
 Acq On : 05 Aug 2021 11:54
 Operator : JC/MD
 Sample : VX0805WBSD02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0805WBSD02

Manual Integrations
 APPROVED

MMDadoda
 8/6/2021 5:41:10 PM

Quant Time: Aug 06 03:21:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 06:05:38 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	40217	20.597	ug/l	94
42) 1,2-Dichloroethane	6.092	62	68256	21.228	ug/l	96
43) Isopropyl Acetate	6.348	43	118398	20.662	ug/l	92
44) Trichloroethene	7.129	130	47047	19.693	ug/l	97
45) 1,2-Dichloropropane	7.434	63	46524	20.218	ug/l	100
46) Dibromomethane	7.586	93	32744	20.978	ug/l	98
47) Bromodichloromethane	7.824	83	58589	20.834	ug/l	100
48) Methyl methacrylate	7.696	41	55907	21.066	ug/l	88
49) 1,4-Dioxane	7.665	88	24088	426.250	ug/l #	96
51) 4-Methyl-2-Pentanone	8.580	43	392101	111.871	ug/l	90
52) Toluene	8.720	92	113384	21.046	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	65096	19.405	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	70500	20.111	ug/l #	90
55) 1,1,2-Trichloroethane	9.159	97	49136	22.523	ug/l	96
56) Ethyl methacrylate	9.122	69	75083	21.470	ug/l #	81
57) 1,3-Dichloropropane	9.311	76	79471	21.438	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	170281	91.918	ug/l	98
59) 2-Hexanone	9.433	43	308323	115.843	ug/l	87
60) Dibromochloromethane	9.525	129	45237	19.950	ug/l	100
61) 1,2-Dibromoethane	9.610	107	50211	21.572	ug/l	100
64) Tetrachloroethene	9.275	164	46640	19.344	ug/l	98
65) Chlorobenzene	10.079	112	125632	20.261	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	44810	19.415	ug/l	98
67) Ethyl Benzene	10.195	91	217993	20.271	ug/l	99
68) m/p-Xylenes	10.305	106	167736	40.556	ug/l	98
69) o-Xylene	10.646	106	82698	20.168	ug/l	99
70) Styrene	10.659	104	135283	20.823	ug/l	98
71) Bromoform	10.805	173	31909	19.404	ug/l #	99
73) Isopropylbenzene	10.963	105	218184	20.475	ug/l	99
74) N-amyl acetate	10.848	43	99674	20.503	ug/l	91
75) 1,1,2,2-Tetrachloroethane	11.213	83	74854	21.565	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	69511m	22.368	ug/l	
77) Bromobenzene	11.201	156	55835	21.721	ug/l	93
78) n-propylbenzene	11.305	91	248859	20.635	ug/l	99
79) 2-Chlorotoluene	11.366	91	149592	20.758	ug/l	97
80) 1,3,5-Trimethylbenzene	11.457	105	181492	20.914	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	21829	18.888	ug/l	86
82) 4-Chlorotoluene	11.457	91	169467	20.786	ug/l	99
83) tert-Butylbenzene	11.719	119	177341	20.834	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	182763	21.173	ug/l	100
85) sec-Butylbenzene	11.896	105	225199	20.404	ug/l	99
86) p-Isopropyltoluene	12.012	119	186701	20.947	ug/l	97
87) 1,3-Dichlorobenzene	11.975	146	97543	20.511	ug/l	100
88) 1,4-Dichlorobenzene	12.043	146	96432	19.984	ug/l	98
89) n-Butylbenzene	12.335	91	166055	20.581	ug/l	96
90) Hexachloroethane	12.542	117	28066	18.813	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	94443	20.510	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	14059	18.106	ug/l	92
93) 1,2,4-Trichlorobenzene	13.591	180	56738	19.612	ug/l	98
94) Hexachlorobutadiene	13.731	225	26022	20.043	ug/l	99
95) Naphthalene	13.780	128	196592	19.764	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	57709	19.754	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080521\
Data File : VX023564.D
Acq On : 05 Aug 2021 11:54
Operator : JC/MD
Sample : VX0805WBSD02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0805WBSD02

Manual Integrations
APPROVED

MMDadoda
8/6/2021 5:41:10 PM

Quant Time: Aug 06 03:21:57 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072221W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 23 06:05:38 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

