

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082721\
 Data File : VX023982.D
 Acq On : 27 Aug 2021 10:43
 Operator : JC/MD
 Sample : VX0827WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0827WBS01

Manual Integrations
 APPROVED

SAM
 8/30/2021 9:15:35 AM

Quant Time: Aug 28 04:53:24 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 17 11:57:51 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	193287	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	299610	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	279330	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	138592	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	139609	51.752	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	103.500%
35) Dibromofluoromethane	5.391	113	104833	52.865	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.720%
50) Toluene-d8	8.653	98	386778	51.245	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	102.500%
62) 4-Bromofluorobenzene	11.085	95	147769	53.184	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	106.360%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.173	85	39579	19.408	ug/l	93
3) Chloromethane	1.294	50	40953	18.293	ug/l	99
4) Vinyl Chloride	1.374	62	40569	18.581	ug/l	97
5) Bromomethane	1.599	94	30512	22.227	ug/l	95
6) Chloroethane	1.685	64	25760	16.226	ug/l	98
7) Trichlorofluoromethane	1.886	101	68007	19.724	ug/l	96
8) Diethyl Ether	2.136	74	23385	19.421	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.331	101	41002	21.133	ug/l	99
10) Methyl Iodide	2.453	142	49687	18.393	ug/l	93
11) Tert butyl alcohol	2.971	59	50300	92.200	ug/l	97
12) 1,1-Dichloroethene	2.319	96	36564	19.711	ug/l	94
13) Acrolein	2.239	56	24788	76.353	ug/l	95
14) Allyl chloride	2.666	41	67825	19.840	ug/l	88
15) Acrylonitrile	3.069	53	114716	94.374	ug/l	97
16) Acetone	2.386	43	115852	96.047	ug/l	88
17) Carbon Disulfide	2.514	76	88654	20.038	ug/l	100
18) Methyl Acetate	2.709	43	58255	19.346	ug/l	91
19) Methyl tert-butyl Ether	3.123	73	133029	20.605	ug/l	99
20) Methylene Chloride	2.788	84	43236	18.765	ug/l	92
21) trans-1,2-Dichloroethene	3.093	96	39728	20.051	ug/l	97
22) Diisopropyl ether	3.770	45	137813	20.241	ug/l	97
23) Vinyl Acetate	3.727	43	558798	101.455	ug/l	94
24) 1,1-Dichloroethane	3.617	63	75894	20.029	ug/l	97
25) 2-Butanone	4.562	43	172373	94.349	ug/l	91
26) 2,2-Dichloropropane	4.483	77	63914	20.551	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	46397	19.679	ug/l	92
28) Bromochloromethane	4.904	49	38710	22.467	ug/l	91
29) Tetrahydrofuran	5.013	42	110370	93.266	ug/l	88
30) Chloroform	5.099	83	80573	20.082	ug/l	94
31) Cyclohexane	5.471	56	67347	19.432	ug/l	92
32) 1,1,1-Trichloroethane	5.391	97	70895	20.636	ug/l	97
36) 1,1-Dichloropropene	5.696	75	58229	20.986	ug/l	98
37) Ethyl Acetate	4.721	43	66099	19.380	ug/l	# 93
38) Carbon Tetrachloride	5.678	117	62764	21.693	ug/l	96
39) Methylcyclohexane	7.385	83	71648	21.208	ug/l	98
40) Benzene	6.044	78	165713	20.198	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082721\
 Data File : VX023982.D
 Acq On : 27 Aug 2021 10:43
 Operator : JC/MD
 Sample : VX0827WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0827WBS01

Manual Integrations
 APPROVED

SAM
 8/30/2021 9:15:35 AM

Quant Time: Aug 28 04:53:24 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 17 11:57:51 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	35428	19.161	ug/l	93
42) 1,2-Dichloroethane	6.092	62	68952	21.384	ug/l	95
43) Isopropyl Acetate	6.348	43	106518	19.967	ug/l	92
44) Trichloroethene	7.129	130	46648	20.582	ug/l	99
45) 1,2-Dichloropropane	7.434	63	44874	20.598	ug/l	95
46) Dibromomethane	7.586	93	31123	20.528	ug/l	97
47) Bromodichloromethane	7.824	83	58605	21.367	ug/l	98
48) Methyl methacrylate	7.696	41	53281	20.473	ug/l #	84
49) 1,4-Dioxane	7.665	88	21160	384.712	ug/l #	94
51) 4-Methyl-2-Pentanone	8.580	43	345612	100.220	ug/l	89
52) Toluene	8.720	92	108142	20.341	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	64771	19.639	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	68551	20.627	ug/l #	87
55) 1,1,2-Trichloroethane	9.153	97	44322	20.250	ug/l	96
56) Ethyl methacrylate	9.122	69	67558	18.549	ug/l #	78
57) 1,3-Dichloropropane	9.311	76	76448	21.059	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.244	63	172488	97.868	ug/l	96
59) 2-Hexanone	9.433	43	270696	102.119	ug/l	85
60) Dibromochloromethane	9.525	129	44785	19.589	ug/l	99
61) 1,2-Dibromoethane	9.610	107	47230	20.426	ug/l	99
64) Tetrachloroethene	9.275	164	46864	21.006	ug/l	94
65) Chlorobenzene	10.079	112	117289	20.122	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	43295	20.869	ug/l	97
67) Ethyl Benzene	10.195	91	210668	20.697	ug/l	98
68) m/p-Xylenes	10.305	106	162887	42.014	ug/l	99
69) o-Xylene	10.646	106	80160	21.040	ug/l	98
70) Styrene	10.659	104	130372	21.004	ug/l	98
71) Bromoform	10.799	173	30470	19.308	ug/l #	99
73) Isopropylbenzene	10.963	105	210803	19.941	ug/l	100
74) N-amyl acetate	10.848	43	92822	19.430	ug/l	90
75) 1,1,2,2-Tetrachloroethane	11.213	83	68696	19.829	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	63246m	19.563	ug/l	
77) Bromobenzene	11.201	156	52034	19.985	ug/l	95
78) n-propylbenzene	11.305	91	244437	20.217	ug/l	99
79) 2-Chlorotoluene	11.366	91	148437	20.312	ug/l	100
80) 1,3,5-Trimethylbenzene	11.457	105	178787	20.580	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	19879	18.087	ug/l #	82
82) 4-Chlorotoluene	11.457	91	170003	20.495	ug/l	99
83) tert-Butylbenzene	11.719	119	172714	20.471	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	178991	20.664	ug/l	99
85) sec-Butylbenzene	11.896	105	221830	20.767	ug/l	100
86) p-Isopropyltoluene	12.012	119	181166	20.607	ug/l	96
87) 1,3-Dichlorobenzene	11.975	146	95617	20.298	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	94864	20.192	ug/l	97
89) n-Butylbenzene	12.335	91	161106	20.524	ug/l	97
90) Hexachloroethane	12.542	117	28603	19.583	ug/l	90
91) 1,2-Dichlorobenzene	12.335	146	95857	21.005	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	14313	19.020	ug/l	87
93) 1,2,4-Trichlorobenzene	13.591	180	55830	20.327	ug/l	98
94) Hexachlorobutadiene	13.725	225	27239	22.251	ug/l	99
95) Naphthalene	13.780	128	174202	18.026	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	54019	19.748	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082721\
Data File : VX023982.D
Acq On : 27 Aug 2021 10:43
Operator : JC/MD
Sample : VX0827WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0827WBS01

Manual Integrations
APPROVED

SAM
8/30/2021 9:15:35 AM

Quant Time: Aug 28 04:53:24 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081721W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 17 11:57:51 2021
Response via : Initial Calibration

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

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

