

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091421\
 Data File : VX024196.D
 Acq On : 14 Sep 2021 09:50
 Operator : JC/MD
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 9/15/2021 5:54:49 PM

Quant Time: Sep 14 11:30:56 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091421W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 14 11:30:21 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	206520	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	325954	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	292035	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	132900	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	0.000	65	0d	0.000	ug/l	
Spiked Amount	50.000	Range	78 - 117	Recovery	=	0.000%#
35) Dibromofluoromethane	0.000	113	0d	0.000	ug/l	
Spiked Amount	50.000	Range	75 - 124	Recovery	=	0.000%#
50) Toluene-d8	0.000	98	0d	0.000	ug/l	
Spiked Amount	50.000	Range	92 - 112	Recovery	=	0.000%#
62) 4-Bromofluorobenzene	0.000	95	0d	0.000	ug/l	
Spiked Amount	50.000	Range	83 - 123	Recovery	=	0.000%#

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.173	85	2106	1.053	ug/l	93
3) Chloromethane	1.301	50	2344	1.133	ug/l	99
4) Vinyl Chloride	1.374	62	2115	1.048	ug/l	96
6) Chloroethane	1.685	64	1492	1.110	ug/l #	79
7) Trichlorofluoromethane	1.892	101	3670	1.063	ug/l #	77
8) Diethyl Ether	2.136	74	1151	0.958	ug/l	59
9) 1,1,2-Trichlorotrifluo...	2.331	101	2116	1.038	ug/l	99
12) 1,1-Dichloroethene	2.325	96	1834	0.951	ug/l	97
14) Allyl chloride	2.672	41	3322	0.958	ug/l #	84
15) Acrylonitrile	3.075	53	5613	4.611	ug/l	95
16) Acetone	2.392	43	7226	5.623	ug/l	100
17) Carbon Disulfide	2.508	76	4623	0.999	ug/l	99
18) Methyl Acetate	2.715	43	4003	1.181	ug/l #	89
19) Methyl tert-butyl Ether	3.123	73	6376	0.889	ug/l	97
20) Methylene Chloride	2.794	84	3103	1.247	ug/l	88
21) trans-1,2-Dichloroethene	3.087	96	2129	1.034	ug/l #	83
22) Diisopropyl ether	3.770	45	6089	0.882	ug/l #	80
23) Vinyl Acetate	3.733	43	23828	4.331	ug/l	96
24) 1,1-Dichloroethane	3.617	63	4074	1.033	ug/l	93
25) 2-Butanone	4.568	43	9351	5.016	ug/l	91
26) 2,2-Dichloropropane	4.489	77	3221	0.908	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	2120	0.856	ug/l	83
28) Bromochloromethane	4.904	49	1631	0.964	ug/l #	98
29) Tetrahydrofuran	5.026	42	5216	4.442	ug/l	95
30) Chloroform	5.117	83	4075	0.952	ug/l #	78
32) 1,1,1-Trichloroethane	5.391	97	3344	0.864	ug/l #	46
36) 1,1-Dichloropropene	5.708	75	2684	0.868	ug/l	98
37) Ethyl Acetate	4.727	43	3709	1.062	ug/l #	87
38) Carbon Tetrachloride	5.684	117	3186	0.945	ug/l	96
39) Methylcyclohexane	7.385	83	3249	0.890	ug/l #	85
40) Benzene	6.038	78	7679	0.882	ug/l	99
41) Methacrylonitrile	4.934	41	1714	0.918	ug/l #	88
42) 1,2-Dichloroethane	6.099	62	3498	0.974	ug/l	84
43) Isopropyl Acetate	6.361	43	5033	0.886	ug/l	95
44) Trichloroethene	7.135	130	2359	0.961	ug/l	83
45) 1,2-Dichloropropane	7.446	63	2243	0.990	ug/l	92

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091421\
 Data File : VX024196.D
 Acq On : 14 Sep 2021 09:50
 Operator : JC/MD
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 9/15/2021 5:54:49 PM

Quant Time: Sep 14 11:30:56 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091421W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 14 11:30:21 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	7.586	93	1612	0.968	ug/l	92
47) Bromodichloromethane	7.824	83	2634	0.836	ug/l	96
48) Methyl methacrylate	7.702	41	2573	0.950	ug/l #	82
49) 1,4-Dioxane	7.659	88	1047	17.187	ug/l	95
51) 4-Methyl-2-Pentanone	8.574	43	14877	4.147	ug/l	93
52) Toluene	8.726	92	5045	0.893	ug/l	93
53) t-1,3-Dichloropropene	8.976	75	2794	0.781	ug/l #	85
54) cis-1,3-Dichloropropene	8.373	75	2937	0.792	ug/l	93
55) 1,1,2-Trichloroethane	9.153	97	2322	0.963	ug/l #	83
56) Ethyl methacrylate	9.122	69	2660	0.712	ug/l #	68
57) 1,3-Dichloropropane	9.311	76	3595	0.913	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.245	63	7090	4.008	ug/l	99
59) 2-Hexanone	9.433	43	12017	4.287	ug/l	84
60) Dibromochloromethane	9.525	129	1821	0.736	ug/l	86
61) 1,2-Dibromoethane	9.610	107	2433	0.959	ug/l	84
64) Tetrachloroethene	9.275	164	2159	0.942	ug/l	88
65) Chlorobenzene	10.080	112	5801	0.962	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	1941	0.828	ug/l #	62
67) Ethyl Benzene	10.195	91	9364	0.876	ug/l	93
68) m/p-Xylenes	10.305	106	6817	1.662	ug/l	95
69) o-Xylene	10.640	106	3449	0.840	ug/l	98
70) Styrene	10.659	104	5186	0.788	ug/l	97
71) Bromoform	10.805	173	1307	0.742	ug/l #	97
73) Isopropylbenzene	10.964	105	9058	0.910	ug/l	94
74) N-amyl acetate	10.848	43	3495	0.820	ug/l	91
75) 1,1,2,2-Tetrachloroethane	11.213	83	3292	1.025	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	3443m	1.127	ug/l	
77) Bromobenzene	11.201	156	2338	0.913	ug/l	93
78) n-propylbenzene	11.305	91	9675	0.858	ug/l	100
79) 2-Chlorotoluene	11.366	91	6338	0.899	ug/l	98
80) 1,3,5-Trimethylbenzene	11.457	105	7349	0.872	ug/l	95
82) 4-Chlorotoluene	11.457	91	6815	0.847	ug/l	97
83) tert-Butylbenzene	11.719	119	6861	0.835	ug/l	89
84) 1,2,4-Trimethylbenzene	11.756	105	6924	0.824	ug/l	99
85) sec-Butylbenzene	11.890	105	8169	0.794	ug/l	98
86) p-Isopropyltoluene	12.012	119	7031	0.812	ug/l	90
87) 1,3-Dichlorobenzene	11.969	146	4038	0.883	ug/l	96
88) 1,4-Dichlorobenzene	12.043	146	4500m	0.986	ug/l	
89) n-Butylbenzene	12.335	91	6231	0.840	ug/l	94
90) Hexachloroethane	12.536	117	1202	0.870	ug/l	88
91) 1,2-Dichlorobenzene	12.335	146	4247	0.948	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	747	1.017	ug/l	67
93) 1,2,4-Trichlorobenzene	13.591	180	1991	0.748	ug/l	98
94) Hexachlorobutadiene	13.731	225	1411	1.106	ug/l	89
95) Naphthalene	13.780	128	5225	0.608	ug/l #	96
96) 1,2,3-Trichlorobenzene	13.963	180	2008	0.758	ug/l	99

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091421\
Data File : VX024196.D
Acq On : 14 Sep 2021 09:50
Operator : JC/MD
Sample : VSTDIC001
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampled :
VSTDIC001

Manual Integrations
APPROVED

MMDadoda
9/15/2021 5:54:49 PM

Quant Time: Sep 14 11:30:56 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091421W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 14 11:30:21 2021
Response via : Initial Calibration

