

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101221\
 Data File : VX024773.D
 Acq On : 12 Oct 2021 19:31
 Operator : JC/MD
 Sample : VX1012WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1012WBS02

Manual Integrations
 APPROVED

apatel
 10/15/2021 1:14:25 PM

Quant Time: Oct 13 01:59:04 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092321W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 23 18:24:34 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	142375	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	225129	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	214338	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	107953	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	92559	46.127	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.260%
35) Dibromofluoromethane	5.397	113	70043	46.833	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.660%
50) Toluene-d8	8.653	98	251378	45.667	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.340%#
62) 4-Bromofluorobenzene	11.085	95	96521	44.597	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	32298	22.545	ug/l	99
3) Chloromethane	1.294	50	22614	16.746	ug/l	99
4) Vinyl Chloride	1.374	62	24851	17.593	ug/l	99
5) Bromomethane	1.605	94	15964	16.791	ug/l	98
6) Chloroethane	1.684	64	15429	16.573	ug/l	99
7) Trichlorofluoromethane	1.886	101	40255	16.149	ug/l	97
8) Diethyl Ether	2.136	74	12525	14.762	ug/l	86
9) 1,1,2-Trichlorotrifluo...	2.331	101	22141	15.751	ug/l	98
10) Methyl Iodide	2.453	142	24474	12.443	ug/l	91
11) Tert butyl alcohol	2.977	59	30803	56.428	ug/l	98
12) 1,1-Dichloroethene	2.318	96	20837	15.965	ug/l	94
13) Acrolein	2.239	56	10734	104.985	ug/l	98
14) Allyl chloride	2.666	41	37467	15.702	ug/l #	92
15) Acrylonitrile	3.068	53	68854	75.531	ug/l	99
16) Acetone	2.386	43	74341	80.950	ug/l	91
17) Carbon Disulfide	2.514	76	50867	15.278	ug/l	98
18) Methyl Acetate	2.709	43	47129	15.685	ug/l	92
19) Methyl tert-butyl Ether	3.123	73	73315	14.906	ug/l	95
20) Methylene Chloride	2.794	84	25518	16.223	ug/l	95
21) trans-1,2-Dichloroethene	3.099	96	22595	15.246	ug/l	96
22) Diisopropyl ether	3.769	45	74431	15.268	ug/l	91
23) Vinyl Acetate	3.733	43	301338	76.333	ug/l	94
24) 1,1-Dichloroethane	3.617	63	42822	15.820	ug/l	97
25) 2-Butanone	4.568	43	115328	83.456	ug/l	93
26) 2,2-Dichloropropane	4.483	77	33501	13.759	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	26224	15.139	ug/l	97
28) Bromochloromethane	4.909	49	22387	18.219	ug/l	94
29) Tetrahydrofuran	5.019	42	64471	73.218	ug/l	92
30) Chloroform	5.105	83	45450	15.204	ug/l	100
31) Cyclohexane	5.476	56	36207	15.069	ug/l	92
32) 1,1,1-Trichloroethane	5.397	97	40632	15.310	ug/l	97
36) 1,1-Dichloropropene	5.696	75	32694	15.149	ug/l	98
37) Ethyl Acetate	4.727	43	38699	14.362	ug/l	95
38) Carbon Tetrachloride	5.684	117	35433	15.082	ug/l	95
39) Methylcyclohexane	7.385	83	37203	14.722	ug/l	96
40) Benzene	6.043	78	95954	15.548	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	20978	15.076	ug/l	92
42) 1,2-Dichloroethane	6.098	62	39065	15.073	ug/l	94
43) Isopropyl Acetate	6.348	43	60129	14.678	ug/l	92
44) Trichloroethene	7.129	130	26255	15.463	ug/l	96
45) 1,2-Dichloropropane	7.440	63	24205	15.203	ug/l	94
46) Dibromomethane	7.586	93	17307	14.496	ug/l	97
47) Bromodichloromethane	7.830	83	33081	15.119	ug/l	98
48) Methyl methacrylate	7.702	41	32597	16.070	ug/l	87
49) 1,4-Dioxane	7.665	88	12580	270.768	ug/l #	93
51) 4-Methyl-2-Pentanone	8.580	43	228680	84.559	ug/l	90
52) Toluene	8.720	92	61652	15.465	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	35394	14.272	ug/l	100
54) cis-1,3-Dichloropropene	8.372	75	38382	15.221	ug/l	91
55) 1,1,2-Trichloroethane	9.153	97	25774	15.636	ug/l	95
56) Ethyl methacrylate	9.122	69	34142	13.013	ug/l #	84
57) 1,3-Dichloropropane	9.311	76	43315	15.574	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	125017	96.535	ug/l	98
59) 2-Hexanone	9.433	43	178384	83.758	ug/l	88
60) Dibromochloromethane	9.525	129	25304	14.395	ug/l	97
61) 1,2-Dibromoethane	9.616	107	27581	15.241	ug/l	100
64) Tetrachloroethene	9.281	164	25288	17.047	ug/l	95
65) Chlorobenzene	10.085	112	67690	15.160	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	25014	15.031	ug/l	98
67) Ethyl Benzene	10.195	91	117302	14.841	ug/l	100
68) m/p-Xylenes	10.305	106	89752	29.612	ug/l	98
69) o-Xylene	10.646	106	42484	14.175	ug/l	98
70) Styrene	10.658	104	69049	13.777	ug/l	97
71) Bromoform	10.805	173	17072	13.544	ug/l #	99
73) Isopropylbenzene	10.963	105	117308	15.371	ug/l	100
74) N-amyl acetate	10.847	43	49118	13.992	ug/l	92
75) 1,1,2,2-Tetrachloroethane	11.213	83	40738	15.094	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	37554m	15.319	ug/l	
77) Bromobenzene	11.201	156	29720	15.134	ug/l	95
78) n-propylbenzene	11.305	91	132844	14.890	ug/l	100
79) 2-Chlorotoluene	11.366	91	81478	14.992	ug/l	100
80) 1,3,5-Trimethylbenzene	11.457	105	100777	15.457	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.024	75	10842	13.653	ug/l #	81
82) 4-Chlorotoluene	11.457	91	95871	14.993	ug/l	99
83) tert-Butylbenzene	11.719	119	94158	14.406	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	100900	15.565	ug/l	99
85) sec-Butylbenzene	11.896	105	111678	13.888	ug/l	100
86) p-Isopropyltoluene	12.012	119	104191	15.195	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	52189	13.955	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	53332	13.805	ug/l	97
89) n-Butylbenzene	12.335	91	86378	14.227	ug/l	98
90) Hexachloroethane	12.542	117	15549	13.790	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	52195	14.117	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	9033	13.861	ug/l	91
93) 1,2,4-Trichlorobenzene	13.591	180	32919	13.984	ug/l	96
94) Hexachlorobutadiene	13.725	225	15013	13.942	ug/l	98
95) Naphthalene	13.780	128	109591	14.545	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	33502	13.889	ug/l	98

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

