

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032822\
 Data File : VX027771.D
 Acq On : 29 Mar 2022 00:43
 Operator : JC/MD
 Sample : VX0328WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0328WBS02

Quant Time: Mar 29 05:44:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032522W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 25 16:26:59 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 03/29/2022
 Supervised By : Mahesh Dadoda 03/29/2022

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

Internal Standards						03/29/2022
1) Pentafluorobenzene	5.556	168	63503	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	103804	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	92193	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	41815	50.000	ug/l	0.00
System Monitoring Compounds						03/29/2022
33) 1,2-Dichloroethane-d4	5.958	65	58602	56.265	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	112.520%
35) Dibromofluoromethane	5.391	113	36163	53.051	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	106.100%
50) Toluene-d8	8.653	98	132346	50.224	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	100.440%
62) 4-Bromofluorobenzene	11.079	95	55096	51.528	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	103.060%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.167	85	12584	17.084	ug/l	98
3) Chloromethane	1.295	50	12577	16.478	ug/l	95
4) Vinyl Chloride	1.374	62	12814	17.479	ug/l	95
5) Bromomethane	1.599	94	5482	18.625	ug/l	96
6) Chloroethane	1.679	64	7930	16.856	ug/l	98
7) Trichlorofluoromethane	1.886	101	21202	19.592	ug/l	98
8) Diethyl Ether	2.130	74	8062	20.642	ug/l	81
9) 1,1,2-Trichlorotrifluo...	2.325	101	13979	19.316	ug/l	89
10) Methyl Iodide	2.453	142	14782	21.234	ug/l	# 85
11) Tert butyl alcohol	2.965	59	18500	95.399	ug/l	97
12) 1,1-Dichloroethene	2.319	96	12073	17.898	ug/l	# 81
13) Acrolein	2.233	56	13616	100.309	ug/l	94
14) Allyl chloride	2.660	41	23726	18.593	ug/l	# 88
15) Acrylonitrile	3.063	53	47412	99.834	ug/l	97
16) Acetone	2.380	43	46426	105.397	ug/l	# 85
17) Carbon Disulfide	2.508	76	25833	14.275	ug/l	96
18) Methyl Acetate	2.703	43	21763	19.319	ug/l	# 86
19) Methyl tert-butyl Ether	3.117	73	52860	21.346	ug/l	96
20) Methylene Chloride	2.788	84	14923	18.989	ug/l	# 84
21) trans-1,2-Dichloroethene	3.087	96	13262	17.676	ug/l	90
22) Diisopropyl ether	3.764	45	46782	18.400	ug/l	89
23) Vinyl Acetate	3.721	43	214861	96.640	ug/l	# 92
24) 1,1-Dichloroethane	3.611	63	30353	21.069	ug/l	95
25) 2-Butanone	4.562	43	60810	85.961	ug/l	91
26) 2,2-Dichloropropane	4.471	77	18620	16.902	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	16363	19.580	ug/l	93
28) Bromochloromethane	4.904	49	10711	18.639	ug/l	90
29) Tetrahydrofuran	5.007	42	40038	99.709	ug/l	87
30) Chloroform	5.099	83	28562	19.784	ug/l	98
31) Cyclohexane	5.465	56	23687	18.756	ug/l	# 84
32) 1,1,1-Trichloroethane	5.391	97	24521	19.111	ug/l	96
36) 1,1-Dichloropropene	5.690	75	20855	19.369	ug/l	95
37) Ethyl Acetate	4.715	43	23494	18.747	ug/l	98
38) Carbon Tetrachloride	5.678	117	20927	19.889	ug/l	95
39) Methylcyclohexane	7.379	83	23809	19.223	ug/l	# 82
40) Benzene	6.038	78	62129	20.889	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	13033	19.854	ug/l	90
42) 1,2-Dichloroethane	6.092	62	29616	23.423	ug/l	90
43) Isopropyl Acetate	6.342	43	44892	23.718	ug/l #	88
44) Trichloroethene	7.129	130	14358	18.658	ug/l	79
45) 1,2-Dichloropropane	7.428	63	17053	21.847	ug/l	98
46) Dibromomethane	7.580	93	12575	22.512	ug/l #	81
47) Bromodichloromethane	7.824	83	23958	21.901	ug/l #	98
48) Methyl methacrylate	7.696	41	22654	24.939	ug/l #	76
49) 1,4-Dioxane	7.659	88	7300	365.597	ug/l #	75
51) 4-Methyl-2-Pentanone	8.574	43	150287	115.665	ug/l #	85
52) Toluene	8.720	92	38685	20.805	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	23861	20.679	ug/l	100
54) cis-1,3-Dichloropropene	8.373	75	25963	21.529	ug/l #	78
55) 1,1,2-Trichloroethane	9.153	97	15962	21.130	ug/l	97
56) Ethyl methacrylate	9.116	69	27922	22.614	ug/l #	64
57) 1,3-Dichloropropane	9.311	76	28741	21.091	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	63597	100.606	ug/l	90
59) 2-Hexanone	9.433	43	113919	112.194	ug/l	81
60) Dibromochloromethane	9.525	129	14797	20.249	ug/l	100
61) 1,2-Dibromoethane	9.610	107	16641	20.629	ug/l	98
64) Tetrachloroethene	9.275	164	14008	21.373	ug/l #	85
65) Chlorobenzene	10.080	112	38597	19.871	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	13966	20.921	ug/l	98
67) Ethyl Benzene	10.195	91	76807	21.231	ug/l	98
68) m/p-Xylenes	10.305	106	55481	42.311	ug/l	85
69) o-Xylene	10.647	106	26933	20.440	ug/l	80
70) Styrene	10.659	104	45522	21.732	ug/l #	90
71) Bromoform	10.799	173	9643	19.938	ug/l #	99
73) Isopropylbenzene	10.964	105	73334	21.352	ug/l	97
74) N-amyl acetate	10.842	43	37266	22.607	ug/l #	82
75) 1,1,2,2-Tetrachloroethane	11.213	83	24849	20.533	ug/l	96
76) 1,2,3-Trichloropropane	11.244	75	25117m	21.574	ug/l	
77) Bromobenzene	11.201	156	15537	20.475	ug/l	75
78) n-propylbenzene	11.305	91	88208	21.647	ug/l	96
79) 2-Chlorotoluene	11.366	91	55985	21.793	ug/l	90
80) 1,3,5-Trimethylbenzene	11.451	105	63548	21.527	ug/l	92
81) trans-1,4-Dichloro-2-b...	11.018	75	6464	18.899	ug/l #	67
82) 4-Chlorotoluene	11.457	91	61842	20.926	ug/l	94
83) tert-Butylbenzene	11.713	119	56929	20.992	ug/l	80
84) 1,2,4-Trimethylbenzene	11.750	105	64142	21.408	ug/l	93
85) sec-Butylbenzene	11.890	105	76471	21.526	ug/l	95
86) p-Isopropyltoluene	12.012	119	60739	21.725	ug/l	90
87) 1,3-Dichlorobenzene	11.969	146	29498	20.792	ug/l	95
88) 1,4-Dichlorobenzene	12.043	146	29122	19.815	ug/l	94
89) n-Butylbenzene	12.335	91	53361	20.160	ug/l	97
90) Hexachloroethane	12.543	117	8321	18.649	ug/l	87
91) 1,2-Dichlorobenzene	12.335	146	28684	20.850	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	6076	20.485	ug/l	63
93) 1,2,4-Trichlorobenzene	13.591	180	17774	21.921	ug/l	97
94) Hexachlorobutadiene	13.725	225	8127	20.583	ug/l	93
95) Naphthalene	13.780	128	65317	21.935	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	17194	21.214	ug/l	94

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

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 Dadoda

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