

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032322\
 Data File : VX027659.D
 Acq On : 23 Mar 2022 11:53
 Operator : JC/MD
 Sample : VX0323WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0323WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/24/2022
 Supervised By : Mahesh Dadoda 03/24/2022

Quant Time: Mar 23 17:26:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031722W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 17 15:02:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	365641	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	546444	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	496396	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	239515	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	200001	44.402	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	88.800%		
35) Dibromofluoromethane	5.391	113	182019	51.773	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	103.540%		
50) Toluene-d8	8.653	98	689384	51.818	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	103.640%		
62) 4-Bromofluorobenzene	11.079	95	242637	49.620	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	99.240%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	66736	19.015	ug/l	99
3) Chloromethane	1.295	50	59258	19.020	ug/l	98
4) Vinyl Chloride	1.374	62	66555	18.489	ug/l	100
5) Bromomethane	1.599	94	29843	12.050	ug/l	100
6) Chloroethane	1.679	64	43172	19.544	ug/l	97
7) Trichlorofluoromethane	1.886	101	104233	17.541	ug/l	97
8) Diethyl Ether	2.136	74	40965	18.507	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.331	101	69045	19.512	ug/l	95
10) Methyl Iodide	2.453	142	60649	12.948	ug/l	97
11) Tert butyl alcohol	2.971	59	68717	80.049	ug/l	100
12) 1,1-Dichloroethene	2.319	96	64720	19.062	ug/l	93
13) Acrolein	2.239	56	32464	48.734	ug/l	97
14) Allyl chloride	2.666	41	92505	17.411	ug/l	96
15) Acrylonitrile	3.069	53	186761	95.695	ug/l	98
16) Acetone	2.386	43	168289	91.661	ug/l	97
17) Carbon Disulfide	2.514	76	138423	16.023	ug/l	100
18) Methyl Acetate	2.709	43	81188	18.451	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	215307	18.795	ug/l	98
20) Methylene Chloride	2.794	84	75698	19.176	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	68605	18.943	ug/l	97
22) Diisopropyl ether	3.770	45	197214	19.008	ug/l	92
23) Vinyl Acetate	3.727	43	839403	93.029	ug/l	97
24) 1,1-Dichloroethane	3.611	63	119677	18.965	ug/l	100
25) 2-Butanone	4.562	43	254070	91.978	ug/l	98
26) 2,2-Dichloropropane	4.483	77	89146	17.299	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	82077	19.542	ug/l	94
28) Bromochloromethane	4.904	49	49179	19.319	ug/l	91
29) Tetrahydrofuran	5.013	42	166361	93.882	ug/l	94
30) Chloroform	5.099	83	131277	18.859	ug/l	97
31) Cyclohexane	5.477	56	106777	19.090	ug/l	97
32) 1,1,1-Trichloroethane	5.391	97	112589	17.765	ug/l	98
36) 1,1-Dichloropropene	5.702	75	96071	19.996	ug/l	97
37) Ethyl Acetate	4.721	43	94953	19.834	ug/l	100
38) Carbon Tetrachloride	5.684	117	101328	18.435	ug/l	97
39) Methylcyclohexane	7.385	83	119877	19.842	ug/l	96
40) Benzene	6.044	78	287771	20.878	ug/l	100

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41) Methacrylonitrile	4.922	41	50636	19.394	ug/l	97
42) 1,2-Dichloroethane	6.092	62	99614	19.283	ug/l	100
43) Isopropyl Acetate	6.348	43	143080	18.570	ug/l	99
44) Trichloroethene	7.129	130	84189	20.121	ug/l	96
45) 1,2-Dichloropropane	7.434	63	70317	20.029	ug/l	98
46) Dibromomethane	7.586	93	51425	19.175	ug/l	94
47) Bromodichloromethane	7.824	83	93603	18.536	ug/l	100
48) Methyl methacrylate	7.696	41	73457	19.264	ug/l	93
49) 1,4-Dioxane	7.665	88	37691	384.852	ug/l	98
51) 4-Methyl-2-Pentanone	8.580	43	491757	99.983	ug/l	97
52) Toluene	8.720	92	191564	20.739	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	97603	18.832	ug/l	99
54) cis-1,3-Dichloropropene	8.373	75	108558	19.245	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	75904	20.183	ug/l	99
56) Ethyl methacrylate	9.116	69	103297	18.358	ug/l	98
57) 1,3-Dichloropropane	9.311	76	117895	19.309	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.245	63	276318	96.250	ug/l	97
59) 2-Hexanone	9.433	43	335856	88.661	ug/l	98
60) Dibromochloromethane	9.525	129	78360	18.928	ug/l	96
61) 1,2-Dibromoethane	9.610	107	82762	20.022	ug/l	97
64) Tetrachloroethene	9.275	164	79955	20.716	ug/l	98
65) Chlorobenzene	10.080	112	210947	20.658	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	74693	19.605	ug/l	99
67) Ethyl Benzene	10.195	91	362405	20.735	ug/l	96
68) m/p-Xylenes	10.305	106	280750	40.795	ug/l	100
69) o-Xylene	10.647	106	137598	20.592	ug/l	100
70) Styrene	10.659	104	224560	20.572	ug/l	99
71) Bromoform	10.799	173	53936	17.721	ug/l #	99
73) Isopropylbenzene	10.964	105	359863	20.628	ug/l	100
74) N-amyl acetate	10.848	43	119489	19.316	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.213	83	110789	20.048	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	101427m	20.246	ug/l	
77) Bromobenzene	11.201	156	89835	20.429	ug/l	94
78) n-propylbenzene	11.305	91	400393	20.907	ug/l	98
79) 2-Chlorotoluene	11.366	91	244061	20.316	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	309442	21.075	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	27045	16.395	ug/l #	81
82) 4-Chlorotoluene	11.457	91	281139	20.554	ug/l	99
83) tert-Butylbenzene	11.719	119	299768	20.609	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	306436	20.927	ug/l	100
85) sec-Butylbenzene	11.890	105	368449	20.961	ug/l	99
86) p-Isopropyltoluene	12.012	119	314202	20.811	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	167064	20.505	ug/l	100
88) 1,4-Dichlorobenzene	12.043	146	167592	20.329	ug/l	99
89) n-Butylbenzene	12.335	91	259087	20.563	ug/l	97
90) Hexachloroethane	12.543	117	42799	17.776	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	166036	20.871	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	23594	18.615	ug/l	94
93) 1,2,4-Trichlorobenzene	13.591	180	102197	20.043	ug/l	99
94) Hexachlorobutadiene	13.725	225	45544	20.220	ug/l	94
95) Naphthalene	13.780	128	343844	20.715	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	101942	19.764	ug/l	96

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

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