

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042922\
 Data File : VX028423.D
 Acq On : 29 Apr 2022 15:02
 Operator : JC/MD
 Sample : VX0429WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0429WBS02

Quant Time: Apr 30 09:14:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041922W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 19 13:38:04 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 05/02/2022
 Supervised By : Mahesh Dadoda 05/02/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	342837	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	557504	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	529687	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	274967	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	202624	45.328	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	90.660%		
35) Dibromofluoromethane	5.391	113	177423	45.380	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	90.760%		
50) Toluene-d8	8.653	98	658572	43.857	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	87.720%		
62) 4-Bromofluorobenzene	11.079	95	249150	43.393	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	86.780%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	50417	22.781	ug/l	100
3) Chloromethane	1.294	50	49143	20.608	ug/l	97
4) Vinyl Chloride	1.374	62	60143	17.401	ug/l	99
5) Bromomethane	1.599	94	83111	22.486	ug/l	97
6) Chloroethane	1.684	64	42451	14.887	ug/l	99
7) Trichlorofluoromethane	1.886	101	112984	14.824	ug/l	96
8) Diethyl Ether	2.130	74	42607	16.520	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.331	101	57312	20.643	ug/l	98
10) Methyl Iodide	2.453	142	67174	21.075	ug/l	96
11) Tert butyl alcohol	2.959	59	74520	80.305	ug/l	97
12) 1,1-Dichloroethene	2.318	96	52544	19.942	ug/l	96
13) Acrolein	2.233	56	52119	95.134	ug/l	98
14) Allyl chloride	2.666	41	73580	16.643	ug/l	91
15) Acrylonitrile	3.062	53	166010	91.130	ug/l	99
16) Acetone	2.373	43	144952	105.358	ug/l	91
17) Carbon Disulfide	2.514	76	99801	14.066	ug/l	100
18) Methyl Acetate	2.703	43	74168	18.661	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	196028	17.842	ug/l	97
20) Methylene Chloride	2.788	84	63711	19.209	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	59452	16.592	ug/l	93
22) Diisopropyl ether	3.757	45	173010	17.181	ug/l #	73
23) Vinyl Acetate	3.721	43	743267	84.488	ug/l	100
24) 1,1-Dichloroethane	3.611	63	104535	17.582	ug/l	98
25) 2-Butanone	4.556	43	226505	85.557	ug/l	100
26) 2,2-Dichloropropane	4.483	77	85025	14.646	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	71921	16.833	ug/l	94
28) Bromochloromethane	4.897	49	50665	19.861	ug/l	89
29) Tetrahydrofuran	5.001	42	143301	83.015	ug/l	100
30) Chloroform	5.098	83	121237	16.979	ug/l	96
31) Cyclohexane	5.476	56	84222	15.464	ug/l	94
32) 1,1,1-Trichloroethane	5.385	97	104916	16.226	ug/l	97
36) 1,1-Dichloropropene	5.696	75	83492	16.371	ug/l	98
37) Ethyl Acetate	4.714	43	85055	16.436	ug/l	99
38) Carbon Tetrachloride	5.678	117	87239	15.153	ug/l	97
39) Methylcyclohexane	7.379	83	91815	14.268	ug/l	95
40) Benzene	6.043	78	249619	16.721	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	45996	17.228	ug/l	97
42) 1,2-Dichloroethane	6.092	62	92767	16.740	ug/l	99
43) Isopropyl Acetate	6.342	43	133886	15.897	ug/l	98
44) Trichloroethene	7.129	130	72214	16.681	ug/l	98
45) 1,2-Dichloropropane	7.433	63	61570	16.850	ug/l	96
46) Dibromomethane	7.586	93	48497	16.919	ug/l	98
47) Bromodichloromethane	7.824	83	86583	15.716	ug/l	95
48) Methyl methacrylate	7.696	41	64286	16.626	ug/l	92
49) 1,4-Dioxane	7.659	88	34133	329.979	ug/l	94
51) 4-Methyl-2-Pentanone	8.573	43	465940	86.214	ug/l	96
52) Toluene	8.720	92	171749	16.560	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	86694	14.807	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	96373	15.328	ug/l	92
55) 1,1,2-Trichloroethane	9.153	97	71787	17.036	ug/l	97
56) Ethyl methacrylate	9.116	69	102601	16.797	ug/l #	91
57) 1,3-Dichloropropane	9.311	76	114978	16.905	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.244	63	259859	90.669	ug/l	95
59) 2-Hexanone	9.433	43	359121	85.783	ug/l	95
60) Dibromochloromethane	9.525	129	69026	15.026	ug/l	96
61) 1,2-Dibromoethane	9.610	107	76967	16.649	ug/l	99
64) Tetrachloroethene	9.275	164	69185	16.722	ug/l	97
65) Chlorobenzene	10.079	112	194778	17.247	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	70155	16.676	ug/l	100
67) Ethyl Benzene	10.195	91	327044	17.270	ug/l	97
68) m/p-Xylenes	10.305	106	266685	34.602	ug/l	97
69) o-Xylene	10.646	106	130414	16.972	ug/l	97
70) Styrene	10.658	104	215990	17.350	ug/l	99
71) Bromoform	10.799	173	50673	15.695	ug/l #	98
73) Isopropylbenzene	10.963	105	342155	18.104	ug/l	100
74) N-amyl acetate	10.847	43	113672	17.401	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	115118	18.770	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	100266m	18.528	ug/l	
77) Bromobenzene	11.201	156	88981	18.078	ug/l	91
78) n-propylbenzene	11.305	91	375127	17.900	ug/l	97
79) 2-Chlorotoluene	11.366	91	232939	17.878	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	284733	17.748	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	26227	14.403	ug/l #	82
82) 4-Chlorotoluene	11.457	91	264793	17.643	ug/l	96
83) tert-Butylbenzene	11.719	119	286901	17.513	ug/l	97
84) 1,2,4-Trimethylbenzene	11.756	105	285399	17.896	ug/l	98
85) sec-Butylbenzene	11.890	105	339373	17.171	ug/l	98
86) p-Isopropyltoluene	12.012	119	293602	17.220	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	163975	17.730	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	167512	17.250	ug/l	99
89) n-Butylbenzene	12.335	91	229679	16.405	ug/l	97
90) Hexachloroethane	12.542	117	42322	15.108	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	166109	18.080	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	22543	16.528	ug/l	93
93) 1,2,4-Trichlorobenzene	13.591	180	96438	17.648	ug/l	98
94) Hexachlorobutadiene	13.725	225	41355	16.960	ug/l	93
95) Naphthalene	13.780	128	341777	18.775	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	95391	17.784	ug/l	97

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

