

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012822\
 Data File : VX026645.D
 Acq On : 28 Jan 2022 12:53
 Operator : JC/MD
 Sample : VX0128WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0128WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/31/2022
 Supervised By : Mahesh Dadoda 01/31/2022

Quant Time: Jan 29 02:18:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 11 14:45:13 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	95743	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	155647	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	134063	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	62749	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	60071	44.914	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	89.820%		
35) Dibromofluoromethane	5.391	113	48342	48.096	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.200%		
50) Toluene-d8	8.653	98	171938	47.470	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	94.940%		
62) 4-Bromofluorobenzene	11.079	95	62302	48.421	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.840%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.172	85	17395	15.386	ug/l	99
3) Chloromethane	1.294	50	16629	16.045	ug/l	96
4) Vinyl Chloride	1.380	62	18550	17.047	ug/l	100
5) Bromomethane	1.617	94	8549	17.031	ug/l	100
6) Chloroethane	1.691	64	11150	20.264	ug/l	98
7) Trichlorofluoromethane	1.892	101	29170	16.979	ug/l	99
8) Diethyl Ether	2.136	74	10793	17.754	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.337	101	19880	18.988	ug/l	100
10) Methyl Iodide	2.459	142	19837	20.481	ug/l	96
11) Tert butyl alcohol	2.983	59	16483	88.592	ug/l	95
12) 1,1-Dichloroethene	2.325	96	18589	18.591	ug/l	94
13) Acrolein	2.239	56	18174	91.926	ug/l	98
14) Allyl chloride	2.666	41	34111	18.550	ug/l	96
15) Acrylonitrile	3.068	53	57998	101.266	ug/l	98
16) Acetone	2.386	43	60107	88.127	ug/l	96
17) Carbon Disulfide	2.514	76	45468	15.575	ug/l	98
18) Methyl Acetate	2.709	43	26899	19.838	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	68935	19.000	ug/l	100
20) Methylene Chloride	2.794	84	21368	18.962	ug/l	98
21) trans-1,2-Dichloroethene	3.099	96	20323	18.775	ug/l	96
22) Diisopropyl ether	3.763	45	73104	19.572	ug/l	98
23) Vinyl Acetate	3.727	43	303458	98.697	ug/l	98
24) 1,1-Dichloroethane	3.611	63	37995	18.835	ug/l	99
25) 2-Butanone	4.562	43	83460	94.094	ug/l	98
26) 2,2-Dichloropropane	4.483	77	27016	18.068	ug/l	96
27) cis-1,2-Dichloroethene	4.495	96	24165	19.560	ug/l	97
28) Bromochloromethane	4.903	49	17023	20.552	ug/l	99
29) Tetrahydrofuran	5.007	42	51895	98.510	ug/l	100
30) Chloroform	5.098	83	40314	19.234	ug/l	97
31) Cyclohexane	5.476	56	34801	17.641	ug/l	97
32) 1,1,1-Trichloroethane	5.391	97	33986	18.434	ug/l	99
36) 1,1-Dichloropropene	5.696	75	28589	18.018	ug/l	99
37) Ethyl Acetate	4.720	43	32497	20.246	ug/l	100
38) Carbon Tetrachloride	5.684	117	30300	18.565	ug/l	97
39) Methylcyclohexane	7.385	83	35674	18.639	ug/l	95
40) Benzene	6.043	78	85254	19.439	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	17819	19.598	ug/l	96
42) 1,2-Dichloroethane	6.086	62	32059	18.683	ug/l	98
43) Isopropyl Acetate	6.342	43	51010	19.674	ug/l	99
44) Trichloroethene	7.129	130	24756	19.893	ug/l	93
45) 1,2-Dichloropropane	7.433	63	22157	20.240	ug/l	99
46) Dibromomethane	7.580	93	15318	19.849	ug/l	98
47) Bromodichloromethane	7.824	83	30625	19.641	ug/l	95
48) Methyl methacrylate	7.696	41	25065	19.507	ug/l	98
49) 1,4-Dioxane	7.683	88	7210	341.924	ug/l	99
51) 4-Methyl-2-Pentanone	8.573	43	158719	103.207	ug/l	99
52) Toluene	8.720	92	53071	19.733	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	29171	18.722	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	33514	20.011	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	21843	20.812	ug/l	99
56) Ethyl methacrylate	9.116	69	33241	20.667	ug/l	98
57) 1,3-Dichloropropane	9.311	76	37743	20.743	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	91450	108.431	ug/l	99
59) 2-Hexanone	9.433	43	118308	100.513	ug/l	98
60) Dibromochloromethane	9.524	129	22643	20.703	ug/l	100
61) 1,2-Dibromoethane	9.610	107	22308	20.398	ug/l	100
64) Tetrachloroethene	9.275	164	24811	19.591	ug/l	97
65) Chlorobenzene	10.079	112	56084	19.866	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	21192	20.202	ug/l	98
67) Ethyl Benzene	10.195	91	98837	19.265	ug/l	99
68) m/p-Xylenes	10.305	106	75578	39.365	ug/l	99
69) o-Xylene	10.640	106	37127	20.040	ug/l	99
70) Styrene	10.658	104	62035	20.521	ug/l	98
71) Bromoform	10.799	173	14413	19.392	ug/l #	99
73) Isopropylbenzene	10.963	105	99704	19.385	ug/l	100
74) N-amyl acetate	10.841	43	38269	19.273	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	28115	20.365	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	27641m	20.007	ug/l	
77) Bromobenzene	11.201	156	22919	19.451	ug/l	99
78) n-propylbenzene	11.305	91	111084	18.939	ug/l	100
79) 2-Chlorotoluene	11.366	91	66805	18.782	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	82723	19.508	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	7228	19.835	ug/l	96
82) 4-Chlorotoluene	11.457	91	77736	19.017	ug/l	97
83) tert-Butylbenzene	11.713	119	78174	19.748	ug/l	97
84) 1,2,4-Trimethylbenzene	11.756	105	81643	19.250	ug/l	99
85) sec-Butylbenzene	11.890	105	98984	19.332	ug/l	99
86) p-Isopropyltoluene	12.012	119	83279	19.386	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	42499	19.242	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	42855	19.170	ug/l	98
89) n-Butylbenzene	12.335	91	70600	19.151	ug/l	99
90) Hexachloroethane	12.542	117	12013	18.205	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	41990	20.118	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	5815	17.427	ug/l	90
93) 1,2,4-Trichlorobenzene	13.591	180	25691	19.199	ug/l	97
94) Hexachlorobutadiene	13.725	225	11004	19.480	ug/l	99
95) Naphthalene	13.780	128	88457	19.818	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	26469	20.113	ug/l	98

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

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