

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112921\
 Data File : VX025362.D
 Acq On : 29 Nov 2021 12:17
 Operator : JC/MD
 Sample : VX1129WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1129WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/30/2021
 Supervised By : Mahesh Dadoda 11/30/2021

Quant Time: Nov 29 15:40:33 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 17 15:36:16 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	100458	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	153276	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	140896	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	70132	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	57511	54.312	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 108.620%			
35) Dibromofluoromethane	5.385	113	50755	53.969	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.940%			
50) Toluene-d8	8.647	98	186727	52.808	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 105.620%			
62) 4-Bromofluorobenzene	11.079	95	68995	51.578	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.160%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	19223	22.075	ug/l	98
3) Chloromethane	1.294	50	20269	18.798	ug/l	99
4) Vinyl Chloride	1.374	62	21891	18.492	ug/l	99
5) Bromomethane	1.599	94	14853	29.183	ug/l	97
6) Chloroethane	1.684	64	16583	20.302	ug/l	100
7) Trichlorofluoromethane	1.886	101	33232	18.913	ug/l	98
8) Diethyl Ether	2.136	74	14009	19.319	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.331	101	19453	20.808	ug/l	97
10) Methyl Iodide	2.453	142	24358	20.838	ug/l	92
11) Tert butyl alcohol	2.959	59	26053	93.881	ug/l	96
12) 1,1-Dichloroethene	2.319	96	18034	19.369	ug/l	89
13) Acrolein	2.233	56	5557	114.553	ug/l	98
14) Allyl chloride	2.666	41	30946	18.365	ug/l	94
15) Acrylonitrile	3.062	53	55532	97.728	ug/l	99
16) Acetone	2.379	43	61388	104.333	ug/l	94
17) Carbon Disulfide	2.514	76	44304	16.915	ug/l	98
18) Methyl Acetate	2.703	43	36346	19.334	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	65295	20.127	ug/l	97
20) Methylene Chloride	2.788	84	21218	19.183	ug/l	93
21) trans-1,2-Dichloroethene	3.093	96	19662	19.276	ug/l	89
22) Diisopropyl ether	3.757	45	63365	19.745	ug/l	89
23) Vinyl Acetate	3.721	43	255855	99.256	ug/l	97
24) 1,1-Dichloroethane	3.611	63	34366	19.599	ug/l	97
25) 2-Butanone	4.556	43	86018	101.117	ug/l	97
26) 2,2-Dichloropropane	4.477	77	31735	19.963	ug/l	97
27) cis-1,2-Dichloroethene	4.495	96	23723	19.916	ug/l	90
28) Bromochloromethane	4.897	49	16695	20.419	ug/l	90
29) Tetrahydrofuran	5.007	42	50405	95.696	ug/l	97
30) Chloroform	5.098	83	37185	20.378	ug/l	96
31) Cyclohexane	5.470	56	31409	19.195	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	33140	19.836	ug/l	98
36) 1,1-Dichloropropene	5.696	75	26219	19.606	ug/l	96
37) Ethyl Acetate	4.714	43	30858	20.281	ug/l	100
38) Carbon Tetrachloride	5.678	117	29716	20.175	ug/l	95
39) Methylcyclohexane	7.385	83	34271	19.979	ug/l	92
40) Benzene	6.037	78	80981	19.990	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	16458	19.489	ug/l	96
42) 1,2-Dichloroethane	6.092	62	28280	21.455	ug/l	93
43) Isopropyl Acetate	6.342	43	50137	19.801	ug/l	98
44) Trichloroethene	7.129	130	23540	20.003	ug/l	87
45) 1,2-Dichloropropane	7.433	63	20381	20.484	ug/l	98
46) Dibromomethane	7.580	93	14847	20.556	ug/l	93
47) Bromodichloromethane	7.824	83	28766	20.266	ug/l	99
48) Methyl methacrylate	7.696	41	22547	18.973	ug/l	94
49) 1,4-Dioxane	7.659	88	9853	392.625	ug/l	95
51) 4-Methyl-2-Pentanone	8.573	43	156529	98.585	ug/l	98
52) Toluene	8.720	92	52656	19.910	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	31500	19.956	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	33404	19.523	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	22136	21.059	ug/l	98
56) Ethyl methacrylate	9.116	69	33656	19.730	ug/l	95
57) 1,3-Dichloropropane	9.311	76	36022	20.676	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	83416	105.106	ug/l	95
59) 2-Hexanone	9.433	43	122458	97.830	ug/l	96
60) Dibromochloromethane	9.518	129	23784	19.659	ug/l	99
61) 1,2-Dibromoethane	9.610	107	22680	19.921	ug/l	96
64) Tetrachloroethene	9.275	164	23194	19.963	ug/l	94
65) Chlorobenzene	10.079	112	58387	20.335	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	22536	20.467	ug/l	99
67) Ethyl Benzene	10.195	91	100684	20.292	ug/l	97
68) m/p-Xylenes	10.305	106	79687	39.320	ug/l	96
69) o-Xylene	10.640	106	39555	19.941	ug/l	92
70) Styrene	10.658	104	65112	19.870	ug/l	97
71) Bromoform	10.799	173	17745	18.563	ug/l #	97
73) Isopropylbenzene	10.963	105	101967	20.401	ug/l	97
74) N-amyl acetate	10.841	43	40952	18.943	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	32763	20.265	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	30230m	21.049	ug/l	
77) Bromobenzene	11.201	156	26307	20.466	ug/l	93
78) n-propylbenzene	11.305	91	116331	20.735	ug/l	98
79) 2-Chlorotoluene	11.366	91	70142	20.536	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	86666	20.628	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.018	75	10647	18.676	ug/l	92
82) 4-Chlorotoluene	11.457	91	78896	20.235	ug/l	96
83) tert-Butylbenzene	11.713	119	88010	20.613	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	85670	20.631	ug/l	95
85) sec-Butylbenzene	11.890	105	108147	20.834	ug/l	98
86) p-Isopropyltoluene	12.012	119	90898	20.381	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	47941	20.036	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	48836	20.142	ug/l	98
89) n-Butylbenzene	12.335	91	74279	19.760	ug/l	96
90) Hexachloroethane	12.542	117	15203	18.498	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	48154	20.650	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	6697	19.831	ug/l	86
93) 1,2,4-Trichlorobenzene	13.591	180	28463	20.738	ug/l	99
94) Hexachlorobutadiene	13.725	225	13924	21.128	ug/l	98
95) Naphthalene	13.780	128	92898	19.402	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	28033	20.878	ug/l	97

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

