

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101422\
 Data File : VX032129.D
 Acq On : 14 Oct 2022 13:10
 Operator : JC/MD
 Sample : VX1014WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1014WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/17/2022
 Supervised By : Mahesh Dadoda 10/17/2022

Quant Time: Oct 17 02:23:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 06 14:28:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	69410	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	108605	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	115471	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	84963	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	81483	56.843	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 113.680%			
35) Dibromofluoromethane	5.385	113	62457	50.805	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.620%			
50) Toluene-d8	8.647	98	227207	51.362	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.720%			
62) 4-Bromofluorobenzene	11.079	95	89849	57.453	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 114.900%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	20176	19.532	ug/l	100
3) Chloromethane	1.288	50	17462	16.143	ug/l	100
4) Vinyl Chloride	1.368	62	19639	15.536	ug/l	98
5) Bromomethane	1.611	94	16685	18.082	ug/l	99
6) Chloroethane	1.685	64	14696	13.661	ug/l	99
7) Trichlorofluoromethane	1.886	101	37960	16.706	ug/l	99
8) Diethyl Ether	2.130	74	13847	17.878	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.325	101	19766	17.210	ug/l	93
10) Methyl Iodide	2.447	142	20605	19.415	ug/l	97
11) Tert butyl alcohol	2.989	59	22522	126.282	ug/l #	89
12) 1,1-Dichloroethene	2.319	96	17395	16.453	ug/l	82
13) Acrolein	2.239	56	8847	75.129	ug/l	100
14) Allyl chloride	2.666	41	34013	22.610	ug/l	96
15) Acrylonitrile	3.062	53	61940	108.945	ug/l	100
16) Acetone	2.386	43	53728	110.284	ug/l	100
17) Carbon Disulfide	2.508	76	37674	16.594	ug/l	96
18) Methyl Acetate	2.703	43	38483	23.940	ug/l	97
19) Methyl tert-butyl Ether	3.111	73	82848	23.352	ug/l	95
20) Methylene Chloride	2.788	84	24889	19.441	ug/l	93
21) trans-1,2-Dichloroethene	3.087	96	21769	18.593	ug/l	94
22) Diisopropyl ether	3.757	45	79281	23.443	ug/l	92
23) Vinyl Acetate	3.721	43	312028	123.434	ug/l	100
24) 1,1-Dichloroethane	3.605	63	44201	21.804	ug/l	100
25) 2-Butanone	4.562	43	85897	112.789	ug/l	99
26) 2,2-Dichloropropane	4.477	77	34061	23.392	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	28056	20.027	ug/l	96
28) Bromochloromethane	4.897	49	20986	24.185	ug/l	96
29) Tetrahydrofuran	5.007	42	54083	110.063	ug/l	97
30) Chloroform	5.093	83	46112	20.421	ug/l	96
31) Cyclohexane	5.464	56	34504	20.149	ug/l	99
32) 1,1,1-Trichloroethane	5.379	97	41144	21.442	ug/l	99
36) 1,1-Dichloropropene	5.690	75	31944	19.595	ug/l	98
37) Ethyl Acetate	4.708	43	34986	22.796	ug/l	98
38) Carbon Tetrachloride	5.678	117	34208	20.523	ug/l	98
39) Methylcyclohexane	7.379	83	38065	19.576	ug/l	95
40) Benzene	6.031	78	95580	20.023	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	19140	23.983	ug/l	97
42) 1,2-Dichloroethane	6.086	62	41377	23.787	ug/l	99
43) Isopropyl Acetate	6.342	43	56468	24.250	ug/l	99
44) Trichloroethene	7.123	130	26377	18.845	ug/l	94
45) 1,2-Dichloropropane	7.427	63	25256	21.529	ug/l	91
46) Dibromomethane	7.580	93	19706	21.675	ug/l	97
47) Bromodichloromethane	7.824	83	36304	23.115	ug/l	99
48) Methyl methacrylate	7.690	41	27398	24.623	ug/l	97
49) 1,4-Dioxane	7.690	88	10295	365.121	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	185614	120.286	ug/l	100
52) Toluene	8.720	92	65036	20.838	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	35884	21.920	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	40297	23.692	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	27808	21.110	ug/l	98
56) Ethyl methacrylate	9.116	69	40173	23.791	ug/l	97
57) 1,3-Dichloropropane	9.311	76	46572	22.001	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	95454	109.512	ug/l	97
59) 2-Hexanone	9.433	43	136274	119.771	ug/l	99
60) Dibromochloromethane	9.519	129	27525	22.832	ug/l	99
61) 1,2-Dibromoethane	9.610	107	28398	21.437	ug/l	98
64) Tetrachloroethene	9.275	164	26470	20.305	ug/l	99
65) Chlorobenzene	10.079	112	66366	18.968	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	22240	18.370	ug/l	98
67) Ethyl Benzene	10.195	91	116524	19.687	ug/l	98
68) m/p-Xylenes	10.299	106	93542	39.769	ug/l	96
69) o-Xylene	10.640	106	47917	20.959	ug/l	96
70) Styrene	10.652	104	79335	21.707	ug/l	97
71) Bromoform	10.799	173	17924	22.616	ug/l #	94
73) Isopropylbenzene	10.963	105	131787	20.566	ug/l	98
74) N-amyl acetate	10.841	43	48059	24.559	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	42477	20.863	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	39317m	22.579	ug/l	
77) Bromobenzene	11.195	156	30601	19.386	ug/l	98
78) n-propylbenzene	11.305	91	150694	20.675	ug/l	99
79) 2-Chlorotoluene	11.366	91	92580	21.107	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	113100	21.280	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	9177	20.952	ug/l #	73
82) 4-Chlorotoluene	11.457	91	107809	21.462	ug/l	97
83) tert-Butylbenzene	11.713	119	106730	20.290	ug/l	94
84) 1,2,4-Trimethylbenzene	11.750	105	112420	20.822	ug/l	98
85) sec-Butylbenzene	11.890	105	139997	21.497	ug/l	98
86) p-Isopropyltoluene	12.012	119	118010	21.523	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	58394	19.429	ug/l	96
88) 1,4-Dichlorobenzene	12.042	146	60811	19.657	ug/l	98
89) n-Butylbenzene	12.335	91	102187	22.255	ug/l	99
90) Hexachloroethane	12.542	117	17269	20.596	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	59618	19.951	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	8657	23.229	ug/l	97
93) 1,2,4-Trichlorobenzene	13.591	180	37791	20.837	ug/l	99
94) Hexachlorobutadiene	13.725	225	16183	22.062	ug/l	99
95) Naphthalene	13.774	128	131119	21.098	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	37788	20.541	ug/l	99

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

