

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111522\
 Data File : VX032837.D
 Acq On : 16 Nov 2022 01:34
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 16 03:36:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 11/16/2022
 Supervised By : Mahesh Dadoda 11/16/2022

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	99327	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	158161	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	144130	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	77848	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	70384	50.998	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	102.000%
35) Dibromofluoromethane	5.385	113	59114	52.398	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.800%
50) Toluene-d8	8.647	98	194067	49.470	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.940%
62) 4-Bromofluorobenzene	11.079	95	81116	52.934	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	105.860%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	50530	44.108	ug/l	99
3) Chloromethane	1.295	50	40385	41.685	ug/l	98
4) Vinyl Chloride	1.374	62	47246	44.311	ug/l	99
5) Bromomethane	1.618	94	44237	51.916	ug/l	92
6) Chloroethane	1.691	64	47211	66.002	ug/l	99
7) Trichlorofluoromethane	1.886	101	99217	49.110	ug/l	100
8) Diethyl Ether	2.130	74	32105	49.037	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	54004	50.645	ug/l	99
10) Methyl Iodide	2.453	142	58156	49.071	ug/l	99
11) Tert butyl alcohol	3.002	59	47401m	235.972	ug/l	
12) 1,1-Dichloroethene	2.319	96	48041	48.228	ug/l	95
13) Acrolein	2.239	56	41594	207.415	ug/l	98
14) Allyl chloride	2.666	41	79045	49.780	ug/l	99
15) Acrylonitrile	3.062	53	130305	239.021	ug/l	98
16) Acetone	2.386	43	110549	220.388	ug/l	99
17) Carbon Disulfide	2.514	76	95634	40.308	ug/l	99
18) Methyl Acetate	2.703	43	86430	52.986	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	187960	53.687	ug/l	99
20) Methylene Chloride	2.788	84	57573	50.059	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	52061	48.015	ug/l	98
22) Diisopropyl ether	3.757	45	190986	55.607	ug/l	93
23) Vinyl Acetate	3.721	43	701617	252.847	ug/l	99
24) 1,1-Dichloroethane	3.611	63	103673	52.478	ug/l	98
25) 2-Butanone	4.562	43	176700	227.373	ug/l	99
26) 2,2-Dichloropropane	4.477	77	78239	49.820	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	67285	53.686	ug/l	100
28) Bromochloromethane	4.898	49	33899	48.173	ug/l	99
29) Tetrahydrofuran	5.007	42	112925	227.877	ug/l	99
30) Chloroform	5.093	83	121527	56.061	ug/l	99
31) Cyclohexane	5.471	56	80520	48.118	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	106750	54.876	ug/l	98
36) 1,1-Dichloropropene	5.696	75	78492	49.962	ug/l	100
37) Ethyl Acetate	4.715	43	72751	44.488	ug/l	99
38) Carbon Tetrachloride	5.678	117	92827	53.272	ug/l	96
39) Methylcyclohexane	7.379	83	86990	46.799	ug/l	98
40) Benzene	6.038	78	230989	51.957	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	43661	52.410	ug/l	96
42) 1,2-Dichloroethane	6.086	62	97293	53.536	ug/l	100
43) Isopropyl Acetate	6.336	43	125224	49.873	ug/l	99
44) Trichloroethene	7.123	130	63853	51.020	ug/l	96
45) 1,2-Dichloropropane	7.428	63	61211	53.636	ug/l	98
46) Dibromomethane	7.580	93	45898	52.441	ug/l	98
47) Bromodichloromethane	7.824	83	93137	56.147	ug/l	98
48) Methyl methacrylate	7.696	41	64075	49.411	ug/l	100
49) 1,4-Dioxane	7.702	88	21729	879.249	ug/l	99
51) 4-Methyl-2-Pentanone	8.574	43	385415	243.697	ug/l	99
52) Toluene	8.720	92	152912	52.718	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	92142	54.442	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	98852	54.607	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	67215	55.024	ug/l	97
56) Ethyl methacrylate	9.116	69	95239	54.178	ug/l	99
57) 1,3-Dichloropropane	9.305	76	106217	53.844	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	218697	258.372	ug/l	100
59) 2-Hexanone	9.433	43	276710	235.796	ug/l	100
60) Dibromochloromethane	9.519	129	75291	56.430	ug/l	100
61) 1,2-Dibromoethane	9.610	107	69034	53.336	ug/l	100
64) Tetrachloroethene	9.275	164	54961	52.099	ug/l	96
65) Chlorobenzene	10.079	112	173461	53.727	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	68764	56.591	ug/l	99
67) Ethyl Benzene	10.195	91	310543	53.788	ug/l	99
68) m/p-Xylenes	10.299	106	241297	107.632	ug/l	100
69) o-Xylene	10.640	106	119604	54.871	ug/l	99
70) Styrene	10.653	104	203497	56.175	ug/l	98
71) Bromoform	10.799	173	52769	54.926	ug/l #	100
73) Isopropylbenzene	10.964	105	324926	52.672	ug/l	100
74) N-amyl acetate	10.842	43	113670	48.768	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.213	83	98169	49.578	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	86577m	49.989	ug/l	
77) Bromobenzene	11.201	156	80805	53.430	ug/l	98
78) n-propylbenzene	11.305	91	368195	51.805	ug/l	99
79) 2-Chlorotoluene	11.366	91	223907	52.605	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	277144	52.567	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	25293	46.470	ug/l	96
82) 4-Chlorotoluene	11.457	91	259925	52.188	ug/l	99
83) tert-Butylbenzene	11.713	119	281428	53.466	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	275613	52.560	ug/l	99
85) sec-Butylbenzene	11.890	105	334496	52.813	ug/l	100
86) p-Isopropyltoluene	12.012	119	282450	52.556	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	150124	52.623	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	151295	51.120	ug/l	99
89) n-Butylbenzene	12.335	91	240183	51.371	ug/l	100
90) Hexachloroethane	12.536	117	46758	53.266	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	148238	52.699	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	20083	46.258	ug/l	99
93) 1,2,4-Trichlorobenzene	13.591	180	91071	49.653	ug/l	99
94) Hexachlorobutadiene	13.725	225	39032	50.955	ug/l	99
95) Naphthalene	13.774	128	295404	48.336	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	92231	49.469	ug/l	99

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

