

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052622\
 Data File : VX028991.D
 Acq On : 26 May 2022 12:09
 Operator : JC/MD
 Sample : VX0526WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0526WBS01

Quant Time: May 27 07:31:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 12 14:58:53 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 05/27/2022
 Supervised By : Mahesh Dadoda 05/31/2022

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	264918	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	428380	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	393131	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	201476	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	175977	48.460	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	96.920%		
35) Dibromofluoromethane	5.385	113	147485	52.548	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	105.100%		
50) Toluene-d8	8.647	98	533009	50.371	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	100.740%		
62) 4-Bromofluorobenzene	11.079	95	211174	53.430	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	106.860%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	56482	16.283	ug/l	100
3) Chloromethane	1.288	50	49150	15.045	ug/l	100
4) Vinyl Chloride	1.374	62	53901	15.310	ug/l	100
5) Bromomethane	1.599	94	56109	19.120	ug/l	100
6) Chloroethane	1.685	64	35933	14.647	ug/l	96
7) Trichlorofluoromethane	1.886	101	87618	15.610	ug/l	97
8) Diethyl Ether	2.130	74	32557	15.919	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.331	101	52148	17.655	ug/l	99
10) Methyl Iodide	2.453	142	45297	12.810	ug/l	95
11) Tert butyl alcohol	2.953	59	74566	91.703	ug/l	96
12) 1,1-Dichloroethene	2.319	96	46260	16.872	ug/l	98
13) Acrolein	2.233	56	20498	34.390	ug/l	98
14) Allyl chloride	2.666	41	73883	16.801	ug/l	94
15) Acrylonitrile	3.063	53	152261	87.025	ug/l	99
16) Acetone	2.374	43	128642	82.541	ug/l	93
17) Carbon Disulfide	2.508	76	96285	13.547	ug/l	99
18) Methyl Acetate	2.703	43	70509	18.063	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	180052	18.506	ug/l	100
20) Methylene Chloride	2.788	84	55943	17.110	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	51138	16.558	ug/l	96
22) Diisopropyl ether	3.757	45	166750	17.744	ug/l #	89
23) Vinyl Acetate	3.721	43	693738	85.634	ug/l	98
24) 1,1-Dichloroethane	3.605	63	97586	17.863	ug/l	99
25) 2-Butanone	4.550	43	206404	84.372	ug/l	94
26) 2,2-Dichloropropane	4.477	77	76395	17.835	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	64880	17.987	ug/l	95
28) Bromochloromethane	4.898	49	41403	18.005	ug/l	99
29) Tetrahydrofuran	5.001	42	130797	82.254	ug/l	94
30) Chloroform	5.093	83	108572	18.363	ug/l	100
31) Cyclohexane	5.471	56	79567	15.785	ug/l	94
32) 1,1,1-Trichloroethane	5.379	97	94351	18.279	ug/l	99
36) 1,1-Dichloropropene	5.690	75	74057	17.567	ug/l	99
37) Ethyl Acetate	4.715	43	76046	17.271	ug/l	100
38) Carbon Tetrachloride	5.678	117	79959	18.847	ug/l	97
39) Methylcyclohexane	7.379	83	86186	17.827	ug/l	93
40) Benzene	6.038	78	220803	18.225	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	43803	18.554	ug/l	94
42) 1,2-Dichloroethane	6.086	62	83051	18.584	ug/l	99
43) Isopropyl Acetate	6.336	43	122748	17.819	ug/l	97
44) Trichloroethene	7.123	130	61622	18.754	ug/l	97
45) 1,2-Dichloropropane	7.434	63	56947	18.839	ug/l	97
46) Dibromomethane	7.580	93	41881	18.553	ug/l	96
47) Bromodichloromethane	7.824	83	79359	18.935	ug/l	100
48) Methyl methacrylate	7.690	41	61985	18.628	ug/l	92
49) 1,4-Dioxane	7.659	88	29452	354.288	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	409671	90.289	ug/l	96
52) Toluene	8.720	92	145441	18.661	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	78845	17.447	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	88363	18.738	ug/l #	93
55) 1,1,2-Trichloroethane	9.153	97	62731	19.739	ug/l	98
56) Ethyl methacrylate	9.116	69	90543	18.814	ug/l	91
57) 1,3-Dichloropropane	9.311	76	101291	18.897	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	226435	96.103	ug/l	98
59) 2-Hexanone	9.433	43	314599	89.243	ug/l	93
60) Dibromochloromethane	9.519	129	61504	19.844	ug/l	97
61) 1,2-Dibromoethane	9.610	107	63306	18.966	ug/l	97
64) Tetrachloroethene	9.275	164	57190	19.264	ug/l	95
65) Chlorobenzene	10.080	112	163278	19.578	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	60059	20.329	ug/l	99
67) Ethyl Benzene	10.195	91	281115	18.805	ug/l	97
68) m/p-Xylenes	10.305	106	221268	38.019	ug/l	99
69) o-Xylene	10.640	106	109141	19.047	ug/l	99
70) Styrene	10.659	104	184891	19.870	ug/l	98
71) Bromoform	10.799	173	43631	19.011	ug/l #	98
73) Isopropylbenzene	10.964	105	288164	18.860	ug/l	99
74) N-amyl acetate	10.842	43	100060	16.660	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	99357	18.955	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	88127m	18.677	ug/l	
77) Bromobenzene	11.201	156	69895	19.334	ug/l	97
78) n-propylbenzene	11.305	91	329247	18.629	ug/l	99
79) 2-Chlorotoluene	11.366	91	203466	18.783	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	248696	19.534	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	23473	17.562	ug/l #	84
82) 4-Chlorotoluene	11.457	91	233183	18.621	ug/l	100
83) tert-Butylbenzene	11.713	119	246553	20.002	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	250685	19.636	ug/l	98
85) sec-Butylbenzene	11.890	105	305811	20.113	ug/l	99
86) p-Isopropyltoluene	12.012	119	259419	20.333	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	136273	19.218	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	136494	18.558	ug/l	98
89) n-Butylbenzene	12.335	91	212950	19.263	ug/l	99
90) Hexachloroethane	12.543	117	39514	19.151	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	136334	19.572	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	20185	18.035	ug/l	98
93) 1,2,4-Trichlorobenzene	13.591	180	83879	20.849	ug/l	98
94) Hexachlorobutadiene	13.725	225	36754	22.487	ug/l	92
95) Naphthalene	13.774	128	280774	19.611	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	83183	20.586	ug/l	95

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

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