

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122122\
 Data File : VX033525.D
 Acq On : 21 Dec 2022 11:11
 Operator : JC/MD
 Sample : VX1221WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1221WBS01

Quant Time: Dec 22 03:55:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 07 12:43:54 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/22/2022
 Supervised By : Mahesh Dadoda 12/22/2022

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	154909	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	236074	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	210596	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	107716	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	40410	40.662	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	81.320%		
35) Dibromofluoromethane	5.385	113	51279	48.294	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.580%		
50) Toluene-d8	8.647	98	107428	48.364	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.720%		
62) 4-Bromofluorobenzene	11.079	95	86507	50.934	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	101.860%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	19951	18.437	ug/l	95
3) Chloromethane	1.294	50	19785	15.813	ug/l	92
4) Vinyl Chloride	1.374	62	24066	16.846	ug/l	100
5) Bromomethane	1.618	94	13801	13.164	ug/l	99
6) Chloroethane	1.691	64	13593	12.544	ug/l	97
7) Trichlorofluoromethane	1.892	101	34164	12.738	ug/l	100
8) Diethyl Ether	2.130	74	11852	12.235	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.331	101	26844	18.868	ug/l	97
10) Methyl Iodide	2.453	142	30722	19.716	ug/l	95
11) Tert butyl alcohol	2.989	59	26064m	85.783	ug/l	
12) 1,1-Dichloroethene	2.319	96	22266	15.855	ug/l	96
13) Acrolein	2.239	56	17554	53.271	ug/l	100
14) Allyl chloride	2.666	41	39635	17.673	ug/l	93
15) Acrylonitrile	3.062	53	64620	85.858	ug/l	99
16) Acetone	2.386	43	73186	99.521	ug/l	98
17) Carbon Disulfide	2.514	76	62281	17.279	ug/l	98
18) Methyl Acetate	2.703	43	38026	17.862	ug/l	95
19) Methyl tert-butyl Ether	3.111	73	92782	19.073	ug/l	99
20) Methylene Chloride	2.788	84	29707	18.114	ug/l #	86
21) trans-1,2-Dichloroethene	3.093	96	28173	18.339	ug/l	97
22) Diisopropyl ether	3.757	45	86182	17.936	ug/l	96
23) Vinyl Acetate	3.721	43	324925	87.122	ug/l	96
24) 1,1-Dichloroethane	3.611	63	51379	18.198	ug/l	99
25) 2-Butanone	4.562	43	93165	88.260	ug/l	95
26) 2,2-Dichloropropane	4.477	77	41653	20.062	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	35276	19.214	ug/l	93
28) Bromochloromethane	4.897	49	19970	16.897	ug/l	83
29) Tetrahydrofuran	5.007	42	56094	82.019	ug/l	95
30) Chloroform	5.086	83	58875	18.784	ug/l	98
31) Cyclohexane	5.471	56	42391	17.949	ug/l	90
32) 1,1,1-Trichloroethane	5.385	97	52235	19.370	ug/l	96
36) 1,1-Dichloropropene	5.696	75	40426	19.528	ug/l	97
37) Ethyl Acetate	4.708	43	33654	17.198	ug/l	98
38) Carbon Tetrachloride	5.672	117	46925	20.231	ug/l	95
39) Methylcyclohexane	7.379	83	47161	20.353	ug/l	96
40) Benzene	6.037	78	118605	19.650	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	19375	17.967	ug/l	95
42) 1,2-Dichloroethane	6.086	62	43337	18.081	ug/l	95
43) Isopropyl Acetate	6.336	43	57435	18.241	ug/l	96
44) Trichloroethene	7.123	130	34655	20.824	ug/l	99
45) 1,2-Dichloropropane	7.427	63	30041	19.461	ug/l	98
46) Dibromomethane	7.580	93	22715	19.317	ug/l	94
47) Bromodichloromethane	7.818	83	45297	19.761	ug/l	99
48) Methyl methacrylate	7.690	41	28606	17.603	ug/l	89
49) 1,4-Dioxane	7.690	88	13697	369.628	ug/l	96
51) 4-Methyl-2-Pentanone	8.574	43	181058	90.930	ug/l	95
52) Toluene	8.720	92	79495	20.370	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	44734	19.761	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	48510	19.887	ug/l #	87
55) 1,1,2-Trichloroethane	9.153	97	32762	19.971	ug/l	99
56) Ethyl methacrylate	9.116	69	46043	19.934	ug/l #	89
57) 1,3-Dichloropropane	9.305	76	52054	19.752	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	97920	92.653	ug/l	96
59) 2-Hexanone	9.427	43	138660	94.496	ug/l	93
60) Dibromochloromethane	9.519	129	37143	20.550	ug/l	100
61) 1,2-Dibromoethane	9.610	107	34492	19.767	ug/l	99
64) Tetrachloroethene	9.275	164	30268	21.019	ug/l	94
65) Chlorobenzene	10.079	112	88223	20.687	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	34025	21.112	ug/l	99
67) Ethyl Benzene	10.195	91	153731	20.692	ug/l	96
68) m/p-Xylenes	10.299	106	119776	41.436	ug/l	98
69) o-Xylene	10.640	106	59613	20.864	ug/l	96
70) Styrene	10.653	104	98500	21.049	ug/l	97
71) Bromoform	10.799	173	26919	21.102	ug/l #	99
73) Isopropylbenzene	10.963	105	157236	20.139	ug/l	99
74) N-amyl acetate	10.842	43	48410	18.174	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	47734	19.272	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	42635m	19.455	ug/l	
77) Bromobenzene	11.195	156	39404	19.987	ug/l	98
78) n-propylbenzene	11.305	91	174757	20.046	ug/l	98
79) 2-Chlorotoluene	11.366	91	107073	19.874	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	133452	20.535	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	12228	17.357	ug/l	95
82) 4-Chlorotoluene	11.457	91	123940	19.784	ug/l	97
83) tert-Butylbenzene	11.713	119	131367	20.271	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	132939	20.492	ug/l	100
85) sec-Butylbenzene	11.890	105	157544	20.836	ug/l	98
86) p-Isopropyltoluene	12.006	119	135790	20.830	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	72830	20.393	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	72614	19.906	ug/l	98
89) n-Butylbenzene	12.335	91	110212	20.642	ug/l	98
90) Hexachloroethane	12.536	117	21801	19.675	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	72480	20.300	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	9142	17.088	ug/l	87
93) 1,2,4-Trichlorobenzene	13.585	180	44963	20.851	ug/l	98
94) Hexachlorobutadiene	13.725	225	20204	23.398	ug/l	98
95) Naphthalene	13.774	128	143535	19.955	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	44687	20.461	ug/l	98

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

