

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020723\
 Data File : VX034028.D
 Acq On : 06 Feb 2023 15:30
 Operator : JC/MD
 Sample : VX0207WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0207WBS01

Quant Time: Feb 07 00:51:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020423W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 03 23:25:45 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 02/07/2023
 Supervised By : Mahesh Dadoda 02/07/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	153559	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	211170	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	186481	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	100179	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	72103	48.706	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.420%		
35) Dibromofluoromethane	5.385	113	66027	49.129	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.260%		
50) Toluene-d8	8.647	98	236731	48.889	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.780%		
62) 4-Bromofluorobenzene	11.079	95	86686	50.125	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	100.240%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	24399	19.546	ug/l	98
3) Chloromethane	1.294	50	22399	19.014	ug/l	99
4) Vinyl Chloride	1.374	62	23068	18.699	ug/l	99
5) Bromomethane	1.611	94	13634	21.462	ug/l	99
6) Chloroethane	1.691	64	12876	18.874	ug/l	100
7) Trichlorofluoromethane	1.892	101	37284	18.995	ug/l	96
8) Diethyl Ether	2.136	74	12911	19.124	ug/l	88
9) 1,1,2-Trichlorotrifluo...	2.331	101	25624	19.553	ug/l	92
10) Methyl Iodide	2.453	142	33839	18.226	ug/l	92
11) Tert butyl alcohol	2.959	59	21559	103.946	ug/l #	81
12) 1,1-Dichloroethene	2.319	96	23329	18.555	ug/l	90
13) Acrolein	2.233	56	24057	86.478	ug/l	100
14) Allyl chloride	2.666	41	39265	19.154	ug/l	89
15) Acrylonitrile	3.062	53	64091	96.333	ug/l	99
16) Acetone	2.373	43	63764	101.981	ug/l	90
17) Carbon Disulfide	2.514	76	57338	17.974	ug/l	98
18) Methyl Acetate	2.703	43	38529	19.810	ug/l	96
19) Methyl tert-butyl Ether	3.111	73	74277	19.158	ug/l	98
20) Methylene Chloride	2.788	84	26643	18.626	ug/l	92
21) trans-1,2-Dichloroethene	3.093	96	25781	18.826	ug/l	95
22) Diisopropyl ether	3.757	45	77582	19.178	ug/l	97
23) Vinyl Acetate	3.721	43	292643	94.997	ug/l	97
24) 1,1-Dichloroethane	3.611	63	43800	18.784	ug/l	96
25) 2-Butanone	4.550	43	89801	98.634	ug/l	98
26) 2,2-Dichloropropane	4.477	77	32785	19.274	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	29509	18.734	ug/l	96
28) Bromochloromethane	4.897	49	19496	19.017	ug/l	91
29) Tetrahydrofuran	5.001	42	55374	95.628	ug/l	94
30) Chloroform	5.092	83	45877	18.878	ug/l	99
31) Cyclohexane	5.470	56	41152	19.088	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	40098	19.159	ug/l	99
36) 1,1-Dichloropropene	5.696	75	35095	19.046	ug/l	98
37) Ethyl Acetate	4.708	43	32451	18.905	ug/l	98
38) Carbon Tetrachloride	5.678	117	36906	18.779	ug/l	96
39) Methylcyclohexane	7.379	83	42896	18.494	ug/l	93
40) Benzene	6.037	78	102232	19.175	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	18305	18.949	ug/l	95
42) 1,2-Dichloroethane	6.080	62	35723	19.718	ug/l	99
43) Isopropyl Acetate	6.336	43	51475	19.229	ug/l	98
44) Trichloroethene	7.123	130	30786	18.788	ug/l	99
45) 1,2-Dichloropropane	7.434	63	25420	19.311	ug/l	98
46) Dibromomethane	7.580	93	18018	19.106	ug/l	94
47) Bromodichloromethane	7.824	83	34427	19.265	ug/l	99
48) Methyl methacrylate	7.696	41	27190	19.672	ug/l	96
49) 1,4-Dioxane	7.665	88	13230	497.276	ug/l #	90
51) 4-Methyl-2-Pentanone	8.574	43	167441	99.718	ug/l	98
52) Toluene	8.720	92	66974	19.384	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	34384	19.140	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	39470	19.312	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	27114	19.646	ug/l	96
56) Ethyl methacrylate	9.116	69	37166	19.281	ug/l	96
57) 1,3-Dichloropropane	9.305	76	43727	19.395	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	77159	86.035	ug/l	98
59) 2-Hexanone	9.427	43	124653	101.441	ug/l	96
60) Dibromochloromethane	9.519	129	29452	19.255	ug/l	100
61) 1,2-Dibromoethane	9.610	107	28753	19.375	ug/l	97
64) Tetrachloroethene	9.275	164	29571	18.991	ug/l	97
65) Chlorobenzene	10.079	112	74363	19.308	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	28059	19.279	ug/l	98
67) Ethyl Benzene	10.195	91	125086	19.189	ug/l	100
68) m/p-Xylenes	10.299	106	101942	39.123	ug/l	98
69) o-Xylene	10.640	106	49679	19.852	ug/l	98
70) Styrene	10.652	104	82114	19.922	ug/l	99
71) Bromoform	10.799	173	23015	19.387	ug/l #	99
73) Isopropylbenzene	10.963	105	128436	19.183	ug/l	100
74) N-amyl acetate	10.841	43	41714	18.912	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	37388	18.560	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	34166m	19.862	ug/l	
77) Bromobenzene	11.195	156	35840	19.305	ug/l	96
78) n-propylbenzene	11.305	91	140846	19.026	ug/l	98
79) 2-Chlorotoluene	11.366	91	85060	18.977	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	107296	19.253	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	10045	17.984	ug/l	99
82) 4-Chlorotoluene	11.457	91	97429	19.218	ug/l	98
83) tert-Butylbenzene	11.713	119	109107	18.950	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	106480	19.125	ug/l	99
85) sec-Butylbenzene	11.890	105	130910	19.004	ug/l	99
86) p-Isopropyltoluene	12.006	119	115849	19.175	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	64067	18.807	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	65315	18.885	ug/l	100
89) n-Butylbenzene	12.329	91	88892	18.766	ug/l	99
90) Hexachloroethane	12.536	117	17707	18.617	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	62230	18.730	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	7453	18.815	ug/l	93
93) 1,2,4-Trichlorobenzene	13.585	180	44708	19.045	ug/l	99
94) Hexachlorobutadiene	13.725	225	20914	17.999	ug/l	99
95) Naphthalene	13.774	128	124663	19.329	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	43693	18.529	ug/l	99

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

