

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021023\
 Data File : VX034077.D
 Acq On : 08 Feb 2023 12:00
 Operator : JC/MD
 Sample : VX0210WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0210WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/08/2023
 Supervised By : Semsettin Yesilyurt 02/09/2023

Quant Time: Feb 08 13:20:39 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

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	133224	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.757	114	179141	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	159944	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	86135	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	61842	48.151	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.300%		
35) Dibromofluoromethane	5.379	113	54417	47.730	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.460%		
50) Toluene-d8	8.647	98	192458	46.852	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	93.700%		
62) 4-Bromofluorobenzene	11.079	95	72091	49.139	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.280%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	20904	19.302	ug/l	97
3) Chloromethane	1.294	50	17041	16.674	ug/l	98
4) Vinyl Chloride	1.374	62	17782	16.614	ug/l	100
5) Bromomethane	1.605	94	12203	22.141	ug/l	96
6) Chloroethane	1.691	64	10792	18.234	ug/l	95
7) Trichlorofluoromethane	1.886	101	31673	18.599	ug/l	97
8) Diethyl Ether	2.130	74	10722	18.305	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.331	101	21280	18.716	ug/l	93
10) Methyl Iodide	2.453	142	25551	15.863	ug/l	95
11) Tert butyl alcohol	2.946	59	17548	97.521	ug/l #	80
12) 1,1-Dichloroethene	2.319	96	19605	17.973	ug/l	89
13) Acrolein	2.233	56	21574	89.390	ug/l	100
14) Allyl chloride	2.660	41	31171	17.526	ug/l	90
15) Acrylonitrile	3.056	53	51649	89.481	ug/l	99
16) Acetone	2.373	43	49183	90.667	ug/l	97
17) Carbon Disulfide	2.514	76	46860	16.932	ug/l	100
18) Methyl Acetate	2.697	43	31472	18.651	ug/l	96
19) Methyl tert-butyl Ether	3.105	73	64561	19.193	ug/l	99
20) Methylene Chloride	2.788	84	21530	17.349	ug/l	90
21) trans-1,2-Dichloroethene	3.093	96	21516	18.110	ug/l	94
22) Diisopropyl ether	3.751	45	63573	18.113	ug/l	92
23) Vinyl Acetate	3.715	43	243971	91.286	ug/l	96
24) 1,1-Dichloroethane	3.605	63	36863	18.222	ug/l	99
25) 2-Butanone	4.550	43	70862	89.712	ug/l	95
26) 2,2-Dichloropropane	4.477	77	27677	18.755	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	25260	18.484	ug/l	94
28) Bromochloromethane	4.891	49	17649	19.843	ug/l	86
29) Tetrahydrofuran	4.995	42	45527	90.624	ug/l	96
30) Chloroform	5.086	83	39446	18.709	ug/l	98
31) Cyclohexane	5.464	56	33010	17.649	ug/l	99
32) 1,1,1-Trichloroethane	5.379	97	34677	19.098	ug/l	97
36) 1,1-Dichloropropene	5.690	75	29252	18.713	ug/l	99
37) Ethyl Acetate	4.708	43	26944	18.503	ug/l	98
38) Carbon Tetrachloride	5.672	117	31676	19.000	ug/l	98
39) Methylcyclohexane	7.379	83	36035	18.314	ug/l	96
40) Benzene	6.031	78	83207	18.397	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	15458	18.863	ug/l	94
42) 1,2-Dichloroethane	6.080	62	31192	20.296	ug/l	100
43) Isopropyl Acetate	6.336	43	42288	18.621	ug/l	97
44) Trichloroethene	7.123	130	26329	18.941	ug/l	93
45) 1,2-Dichloropropane	7.427	63	21011	18.816	ug/l	98
46) Dibromomethane	7.580	93	15469	19.336	ug/l	95
47) Bromodichloromethane	7.818	83	29881	19.711	ug/l	96
48) Methyl methacrylate	7.690	41	22092	18.841	ug/l	94
49) 1,4-Dioxane	7.659	88	9552	423.223	ug/l #	95
51) 4-Methyl-2-Pentanone	8.567	43	137461	96.500	ug/l	98
52) Toluene	8.714	92	55588	18.965	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	29613	19.432	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	33091	19.085	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	22944	19.597	ug/l	95
56) Ethyl methacrylate	9.116	69	31254	19.113	ug/l	97
57) 1,3-Dichloropropane	9.305	76	36853	19.269	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	66983	88.042	ug/l	95
59) 2-Hexanone	9.427	43	100920	96.811	ug/l	97
60) Dibromochloromethane	9.518	129	25613	19.739	ug/l	100
61) 1,2-Dibromoethane	9.610	107	24519	19.476	ug/l	98
64) Tetrachloroethene	9.275	164	24597	18.417	ug/l	95
65) Chlorobenzene	10.079	112	62817	19.016	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	24326	19.488	ug/l	98
67) Ethyl Benzene	10.189	91	104901	18.762	ug/l	99
68) m/p-Xylenes	10.299	106	84696	37.897	ug/l	98
69) o-Xylene	10.640	106	41416	19.296	ug/l	99
70) Styrene	10.652	104	68991	19.516	ug/l	99
71) Bromoform	10.799	173	20560	20.192	ug/l #	100
73) Isopropylbenzene	10.963	105	109136	18.958	ug/l	100
74) N-amyl acetate	10.841	43	34919	18.413	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	32075	18.518	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	26798m	18.119	ug/l	
77) Bromobenzene	11.195	156	30831	19.314	ug/l	95
78) n-propylbenzene	11.305	91	121122	19.030	ug/l	100
79) 2-Chlorotoluene	11.360	91	72898	18.915	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	93474	19.508	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	8671	18.055	ug/l	96
82) 4-Chlorotoluene	11.451	91	84181	19.312	ug/l	100
83) tert-Butylbenzene	11.713	119	94670	19.124	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	92192	19.259	ug/l	99
85) sec-Butylbenzene	11.890	105	112918	19.065	ug/l	100
86) p-Isopropyltoluene	12.006	119	100467	19.340	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	55122	18.819	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	55853	18.782	ug/l	98
89) n-Butylbenzene	12.335	91	77350	18.992	ug/l	99
90) Hexachloroethane	12.536	117	15446	18.887	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	54054	18.922	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	6285	18.453	ug/l	93
93) 1,2,4-Trichlorobenzene	13.591	180	38538	19.094	ug/l	99
94) Hexachlorobutadiene	13.725	225	18261	18.278	ug/l	98
95) Naphthalene	13.774	128	107150	19.322	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	38987	19.230	ug/l	99

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

