

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101923\
 Data File : VX038374.D
 Acq On : 19 Oct 2023 10:46
 Operator : JC/MD
 Sample : VX1019WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1019WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/20/2023
 Supervised By : Semsettin Yesilyurt 10/20/2023

Quant Time: Oct 20 03:36:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 05 15:27:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	138789	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	228753	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	234782	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	131689	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	101538	45.485	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 90.980%			
35) Dibromofluoromethane	5.385	113	82646	50.140	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.280%			
50) Toluene-d8	8.647	98	307980	48.897	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 97.800%			
62) 4-Bromofluorobenzene	11.079	95	122020	51.100	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.200%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	27829	20.773	ug/l	98
3) Chloromethane	1.294	50	27530	20.162	ug/l	97
4) Vinyl Chloride	1.374	62	33003	21.800	ug/l	98
5) Bromomethane	1.605	94	33675	16.363	ug/l	99
6) Chloroethane	1.685	64	23517	21.473	ug/l	99
7) Trichlorofluoromethane	1.886	101	64234	21.481	ug/l	99
8) Diethyl Ether	2.130	74	23485	21.059	ug/l	77
9) 1,1,2-Trichlorotrifluo...	2.331	101	27394	20.985	ug/l	96
10) Methyl Iodide	2.453	142	34593	18.418	ug/l	95
11) Tert butyl alcohol	2.953	59	44609	83.122	ug/l #	93
12) 1,1-Dichloroethene	2.319	96	25464	20.053	ug/l	86
13) Acrolein	2.233	56	23604	74.378	ug/l	98
14) Allyl chloride	2.666	41	40581	17.867	ug/l	92
15) Acrylonitrile	3.062	53	97916	96.385	ug/l	99
16) Acetone	2.373	43	95915	102.950	ug/l	97
17) Carbon Disulfide	2.514	76	61753	16.873	ug/l	98
18) Methyl Acetate	2.697	43	80644	20.185	ug/l	96
19) Methyl tert-butyl Ether	3.111	73	97408	19.261	ug/l	99
20) Methylene Chloride	2.788	84	31967	18.241	ug/l	89
21) trans-1,2-Dichloroethene	3.093	96	30597	19.461	ug/l	85
22) Diisopropyl ether	3.757	45	93513	19.645	ug/l	94
23) Vinyl Acetate	3.721	43	343546	98.413	ug/l	97
24) 1,1-Dichloroethane	3.605	63	53629	18.564	ug/l	98
25) 2-Butanone	4.550	43	148092	98.517	ug/l	90
26) 2,2-Dichloropropane	4.477	77	42552	18.866	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	37594	20.077	ug/l	90
28) Bromochloromethane	4.897	49	24820	19.032	ug/l	85
29) Tetrahydrofuran	5.001	42	93771	95.813	ug/l	89
30) Chloroform	5.092	83	64819	20.519	ug/l	100
31) Cyclohexane	5.470	56	45582	18.847	ug/l	91
32) 1,1,1-Trichloroethane	5.385	97	52889	19.546	ug/l	100
36) 1,1-Dichloropropene	5.690	75	44414	19.540	ug/l	97
37) Ethyl Acetate	4.708	43	54773	20.290	ug/l	98
38) Carbon Tetrachloride	5.678	117	44929	20.093	ug/l	94
39) Methylcyclohexane	7.379	83	54491	20.467	ug/l	93
40) Benzene	6.037	78	130581	20.540	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	25878	19.270	ug/l #	83
42) 1,2-Dichloroethane	6.086	62	52440	20.645	ug/l	99
43) Isopropyl Acetate	6.336	43	79846	19.813	ug/l	97
44) Trichloroethene	7.123	130	35363	21.267	ug/l	97
45) 1,2-Dichloropropane	7.427	63	34002	20.665	ug/l	100
46) Dibromomethane	7.580	93	26958	21.124	ug/l	97
47) Bromodichloromethane	7.824	83	47528	20.935	ug/l	96
48) Methyl methacrylate	7.690	41	39394	20.477	ug/l #	85
49) 1,4-Dioxane	7.659	88	18121	382.245	ug/l #	85
51) 4-Methyl-2-Pentanone	8.573	43	293905	105.735	ug/l	97
52) Toluene	8.720	92	88434	21.354	ug/l	93
53) t-1,3-Dichloropropene	8.976	75	49142	20.166	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	53780	21.005	ug/l	91
55) 1,1,2-Trichloroethane	9.153	97	38593	21.787	ug/l	95
56) Ethyl methacrylate	9.116	69	55758	20.531	ug/l	92
57) 1,3-Dichloropropane	9.305	76	60958	21.277	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	125134	93.867	ug/l	100
59) 2-Hexanone	9.427	43	237286	106.186	ug/l	97
60) Dibromochloromethane	9.518	129	37158	21.434	ug/l	100
61) 1,2-Dibromoethane	9.610	107	42018	21.935	ug/l	98
64) Tetrachloroethene	9.275	164	31520	20.738	ug/l	96
65) Chlorobenzene	10.079	112	98858	20.122	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	34484	20.757	ug/l	98
67) Ethyl Benzene	10.195	91	176972	20.180	ug/l	100
68) m/p-Xylenes	10.299	106	136641	40.297	ug/l	99
69) o-Xylene	10.640	106	65897	19.912	ug/l	99
70) Styrene	10.652	104	111039	20.603	ug/l	96
71) Bromoform	10.799	173	27148	19.470	ug/l #	99
73) Isopropylbenzene	10.963	105	177661	20.117	ug/l	99
74) N-amyl acetate	10.841	43	72028	19.099	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	68046	20.998	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	59858m	19.994	ug/l	
77) Bromobenzene	11.195	156	45059	20.898	ug/l	88
78) n-propylbenzene	11.305	91	215255	19.934	ug/l	100
79) 2-Chlorotoluene	11.366	91	125409	19.582	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	154643	20.296	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	16017	18.396	ug/l	97
82) 4-Chlorotoluene	11.451	91	148696	19.622	ug/l	97
83) tert-Butylbenzene	11.713	119	148792	19.986	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	153126	20.157	ug/l	99
85) sec-Butylbenzene	11.890	105	197600	20.489	ug/l	100
86) p-Isopropyltoluene	12.006	119	162051	20.366	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	87293	20.157	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	89394	20.219	ug/l	99
89) n-Butylbenzene	12.335	91	156080	19.696	ug/l	96
90) Hexachloroethane	12.536	117	24801	18.799	ug/l	90
91) 1,2-Dichlorobenzene	12.335	146	83862	20.146	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	14847	18.949	ug/l	83
93) 1,2,4-Trichlorobenzene	13.591	180	55859	20.007	ug/l	97
94) Hexachlorobutadiene	13.725	225	23983	21.342	ug/l	98
95) Naphthalene	13.774	128	188913	19.429	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	55370	20.481	ug/l	98

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

