

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102023\
 Data File : VX038395.D
 Acq On : 20 Oct 2023 11:50
 Operator : JC/MD
 Sample : VX1020WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1020WBSD01

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 10/23/2023
 Supervised By :Mahesh Dadoda 10/23/2023

Quant Time: Oct 21 01:28:05 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	132175	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	219858	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	220831	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	126737	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	97814	46.010	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	92.020%		
35) Dibromofluoromethane	5.385	113	80227	50.641	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.280%		
50) Toluene-d8	8.647	98	290980	48.067	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.140%		
62) 4-Bromofluorobenzene	11.079	95	114754	50.001	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	100.000%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	26466	20.744	ug/l	99
3) Chloromethane	1.301	50	24766	19.046	ug/l	94
4) Vinyl Chloride	1.374	62	29120	20.198	ug/l	98
5) Bromomethane	1.605	94	26775	13.518	ug/l	95
6) Chloroethane	1.685	64	19818	18.820	ug/l	94
7) Trichlorofluoromethane	1.886	101	55646	19.540	ug/l	98
8) Diethyl Ether	2.130	74	20168	18.989	ug/l	76
9) 1,1,2-Trichlorotrifluo...	2.331	101	26124	21.013	ug/l	97
10) Methyl Iodide	2.453	142	32122	17.958	ug/l	95
11) Tert butyl alcohol	2.953	59	40870	79.525	ug/l #	90
12) 1,1-Dichloroethene	2.319	96	24047	19.885	ug/l	86
13) Acrolein	2.233	56	27998	92.639	ug/l	99
14) Allyl chloride	2.660	41	38875	17.973	ug/l	94
15) Acrylonitrile	3.062	53	93278	96.414	ug/l	99
16) Acetone	2.374	43	84763	95.533	ug/l	92
17) Carbon Disulfide	2.508	76	56419	16.187	ug/l	98
18) Methyl Acetate	2.703	43	77493	20.367	ug/l	93
19) Methyl tert-butyl Ether	3.111	73	90357	18.761	ug/l	97
20) Methylene Chloride	2.788	84	30632	18.354	ug/l	89
21) trans-1,2-Dichloroethene	3.093	96	27835	18.590	ug/l	90
22) Diisopropyl ether	3.757	45	81602	18.000	ug/l	96
23) Vinyl Acetate	3.721	43	303083	91.166	ug/l	95
24) 1,1-Dichloroethane	3.611	63	49640	18.043	ug/l	98
25) 2-Butanone	4.550	43	133286	93.104	ug/l #	88
26) 2,2-Dichloropropane	4.483	77	38372	17.864	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	33660	18.876	ug/l	89
28) Bromochloromethane	4.898	49	23893	19.238	ug/l #	81
29) Tetrahydrofuran	5.001	42	84834	91.019	ug/l #	86
30) Chloroform	5.093	83	58395	19.410	ug/l	100
31) Cyclohexane	5.471	56	41486	18.011	ug/l	89
32) 1,1,1-Trichloroethane	5.379	97	48135	18.680	ug/l	98
36) 1,1-Dichloropropene	5.690	75	40068	18.341	ug/l	97
37) Ethyl Acetate	4.709	43	48273	18.606	ug/l	97
38) Carbon Tetrachloride	5.678	117	39873	18.553	ug/l	98
39) Methylcyclohexane	7.379	83	48062	18.783	ug/l	95
40) Benzene	6.038	78	118869	19.454	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	24131	18.696	ug/l #	85
42) 1,2-Dichloroethane	6.086	62	46731	19.142	ug/l	99
43) Isopropyl Acetate	6.336	43	70882	18.301	ug/l	97
44) Trichloroethene	7.129	130	31985	20.014	ug/l	90
45) 1,2-Dichloropropane	7.434	63	30172	19.079	ug/l	95
46) Dibromomethane	7.580	93	24358	19.859	ug/l	96
47) Bromodichloromethane	7.824	83	42304	19.388	ug/l	94
48) Methyl methacrylate	7.696	41	35449	19.172	ug/l	86
49) 1,4-Dioxane	7.659	88	17650	387.373	ug/l #	87
51) 4-Methyl-2-Pentanone	8.574	43	264687	99.076	ug/l	97
52) Toluene	8.720	92	78843	19.809	ug/l	94
53) t-1,3-Dichloropropene	8.976	75	43643	18.634	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	46597	18.936	ug/l	91
55) 1,1,2-Trichloroethane	9.153	97	34282	20.137	ug/l	93
56) Ethyl methacrylate	9.116	69	49623	19.011	ug/l	92
57) 1,3-Dichloropropane	9.311	76	55613	20.197	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	123743	96.579	ug/l	100
59) 2-Hexanone	9.427	43	214835	100.029	ug/l	94
60) Dibromochloromethane	9.519	129	33945	20.373	ug/l	100
61) 1,2-Dibromoethane	9.610	107	37453	20.343	ug/l	100
64) Tetrachloroethene	9.275	164	28664	20.050	ug/l	96
65) Chlorobenzene	10.080	112	88889	19.236	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.159	131	30716	19.657	ug/l	98
67) Ethyl Benzene	10.195	91	154617	18.745	ug/l	99
68) m/p-Xylenes	10.299	106	122054	38.269	ug/l	99
69) o-Xylene	10.640	106	59426	19.091	ug/l	97
70) Styrene	10.653	104	98174	19.366	ug/l	96
71) Bromoform	10.799	173	24319	18.679	ug/l #	98
73) Isopropylbenzene	10.964	105	156707	18.437	ug/l	98
74) N-amyl acetate	10.842	43	63467	17.486	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	59680	19.136	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	53920m	18.714	ug/l	
77) Bromobenzene	11.195	156	39563	19.066	ug/l	89
78) n-propylbenzene	11.305	91	188062	18.096	ug/l	99
79) 2-Chlorotoluene	11.366	91	109667	17.793	ug/l	95
80) 1,3,5-Trimethylbenzene	11.451	105	135536	18.484	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	13675	16.775	ug/l	98
82) 4-Chlorotoluene	11.457	91	131945	18.091	ug/l	97
83) tert-Butylbenzene	11.713	119	131197	18.311	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	136198	18.629	ug/l	99
85) sec-Butylbenzene	11.890	105	171213	18.447	ug/l	100
86) p-Isopropyltoluene	12.012	119	143716	18.768	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	77291	18.545	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	80577	18.937	ug/l	99
89) n-Butylbenzene	12.335	91	133087	17.451	ug/l	97
90) Hexachloroethane	12.536	117	22197	17.483	ug/l	92
91) 1,2-Dichlorobenzene	12.335	146	76252	19.033	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.939	75	13717	18.191	ug/l	81
93) 1,2,4-Trichlorobenzene	13.585	180	50065	18.632	ug/l	98
94) Hexachlorobutadiene	13.725	225	20938	19.360	ug/l	98
95) Naphthalene	13.774	128	168298	17.985	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	49394	18.985	ug/l	97

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

