

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011023\
 Data File : VX033679.D
 Acq On : 10 Jan 2023 12:22
 Operator : JC/MD
 Sample : VX0110WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0110WBS01

Quant Time: Jan 11 00:32:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X010423W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 05 04:43:25 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 01/11/2023
 Supervised By :Mahesh Dadoda 01/11/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	115038	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	186717	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	224614	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	122010	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	71775	55.270	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 110.540%			
35) Dibromofluoromethane	5.379	113	55828	45.490	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 90.980%			
50) Toluene-d8	8.647	98	293993	67.021	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 134.040%#			
62) 4-Bromofluorobenzene	11.079	95	111675	71.823	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 143.640%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	26164	27.579	ug/l	98
3) Chloromethane	1.294	50	30681	26.276	ug/l	98
4) Vinyl Chloride	1.374	62	30955	29.889	ug/l	97
5) Bromomethane	1.617	94	12552	21.674	ug/l	100
6) Chloroethane	1.691	64	14124	23.668	ug/l	97
7) Trichlorofluoromethane	1.892	101	44728	30.528	ug/l	96
8) Diethyl Ether	2.130	74	12643	27.437	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.331	101	19698	26.126	ug/l	99
10) Methyl Iodide	2.453	142	22403	16.759	ug/l	98
11) Tert butyl alcohol	3.044	59	18834m	88.285	ug/l	
12) 1,1-Dichloroethene	2.319	96	17522	25.086	ug/l	98
13) Acrolein	2.239	56	15984	120.739	ug/l	99
14) Allyl chloride	2.666	41	32275	17.984	ug/l	90
15) Acrylonitrile	3.068	53	49788	86.282	ug/l	100
16) Acetone	2.398	43	52457	111.376	ug/l	94
17) Carbon Disulfide	2.514	76	43983	18.792	ug/l	98
18) Methyl Acetate	2.709	43	30828	17.127	ug/l	99
19) Methyl tert-butyl Ether	3.105	73	62459	18.492	ug/l	99
20) Methylene Chloride	2.788	84	20294	17.103	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	19366	18.245	ug/l	99
22) Diisopropyl ether	3.757	45	69275	19.157	ug/l	98
23) Vinyl Acetate	3.721	43	263550	94.913	ug/l	100
24) 1,1-Dichloroethane	3.605	63	36607	18.710	ug/l	100
25) 2-Butanone	4.568	43	74837	88.259	ug/l	96
26) 2,2-Dichloropropane	4.477	77	27783	20.540	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	23125	18.784	ug/l	98
28) Bromochloromethane	4.897	49	15920	20.031	ug/l	96
29) Tetrahydrofuran	5.013	42	47148	87.669	ug/l	99
30) Chloroform	5.086	83	39566	19.795	ug/l	98
31) Cyclohexane	5.470	56	32917	18.208	ug/l	99
32) 1,1,1-Trichloroethane	5.379	97	34747	20.105	ug/l	96
36) 1,1-Dichloropropene	5.690	75	28997	17.443	ug/l	99
37) Ethyl Acetate	4.708	43	29095	14.279	ug/l	99
38) Carbon Tetrachloride	5.678	117	31847	18.102	ug/l	98
39) Methylcyclohexane	7.379	83	50902	24.523	ug/l	97
40) Benzene	6.037	78	81342	16.741	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	16233	16.072	ug/l	98
42) 1,2-Dichloroethane	6.080	62	33371	18.425	ug/l	98
43) Isopropyl Acetate	6.336	43	46244	16.270	ug/l	98
44) Trichloroethene	7.123	130	33752	24.343	ug/l	100
45) 1,2-Dichloropropane	7.427	63	30756	24.572	ug/l	97
46) Dibromomethane	7.580	93	21718	24.784	ug/l	99
47) Bromodichloromethane	7.818	83	43465	25.603	ug/l	97
48) Methyl methacrylate	7.690	41	32801	22.798	ug/l	98
49) 1,4-Dioxane	7.738	88	14077	460.002	ug/l #	50
51) 4-Methyl-2-Pentanone	8.574	43	210473	116.997	ug/l	100
52) Toluene	8.714	92	80040	25.056	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	42331	22.609	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	47898	25.489	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	31660	25.303	ug/l	98
56) Ethyl methacrylate	9.116	69	44633	23.894	ug/l	99
57) 1,3-Dichloropropane	9.305	76	53279	24.888	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	113187	119.120	ug/l	100
59) 2-Hexanone	9.427	43	158228	119.064	ug/l	99
60) Dibromochloromethane	9.518	129	35202	25.721	ug/l	99
61) 1,2-Dibromoethane	9.610	107	33362	25.208	ug/l	100
64) Tetrachloroethene	9.269	164	30641	18.537	ug/l	95
65) Chlorobenzene	10.079	112	87476	19.031	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	33294	19.377	ug/l	99
67) Ethyl Benzene	10.195	91	153863	19.177	ug/l	100
68) m/p-Xylenes	10.299	106	120714	38.552	ug/l	100
69) o-Xylene	10.640	106	58685	18.903	ug/l	97
70) Styrene	10.652	104	98723	19.357	ug/l	99
71) Bromoform	10.799	173	26690	19.402	ug/l #	98
73) Isopropylbenzene	10.963	105	156136	18.120	ug/l	99
74) N-amyl acetate	10.841	43	57460	16.457	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	47452	17.669	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	43211m	19.332	ug/l	
77) Bromobenzene	11.195	156	41277	18.097	ug/l	100
78) n-propylbenzene	11.305	91	178578	18.281	ug/l	99
79) 2-Chlorotoluene	11.366	91	106043	18.075	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	132211	18.637	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	12865	17.469	ug/l	98
82) 4-Chlorotoluene	11.451	91	121963	17.980	ug/l	99
83) tert-Butylbenzene	11.713	119	134793	18.212	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	132713	18.644	ug/l	100
85) sec-Butylbenzene	11.890	105	165023	18.872	ug/l	99
86) p-Isopropyltoluene	12.006	119	143742	19.237	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	75682	18.435	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	77876	19.392	ug/l	99
89) n-Butylbenzene	12.329	91	117720	18.839	ug/l	100
90) Hexachloroethane	12.536	117	23366	19.383	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	74201	18.916	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	9412	18.847	ug/l	99
93) 1,2,4-Trichlorobenzene	13.591	180	51154	19.828	ug/l	98
94) Hexachlorobutadiene	13.725	225	24489	20.435	ug/l	99
95) Naphthalene	13.774	128	146985	19.172	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	50874	20.338	ug/l	98

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

