

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011023\
 Data File : VX033681.D
 Acq On : 10 Jan 2023 13:08
 Operator : JC/MD
 Sample : VX0110WBSD02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0110WBSD02

Manual Integrations
 APPROVED

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

Quant Time: Jan 11 00:33:01 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

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	169829	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	248068	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	223464	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	120549	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	93543	48.793	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.580%		
35) Dibromofluoromethane	5.385	113	79832	48.961	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.920%		
50) Toluene-d8	8.647	98	289509	49.676	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.360%		
62) 4-Bromofluorobenzene	11.079	95	108665	52.603	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	105.200%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	25996	18.561	ug/l	99
3) Chloromethane	1.294	50	28027	16.259	ug/l	99
4) Vinyl Chloride	1.374	62	21523	14.077	ug/l	95
5) Bromomethane	1.617	94	13690	16.013	ug/l	96
6) Chloroethane	1.691	64	15173	17.223	ug/l	97
7) Trichlorofluoromethane	1.892	101	44654	20.644	ug/l	96
8) Diethyl Ether	2.130	74	12666	18.619	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.331	101	20262	17.652	ug/l	99
10) Methyl Iodide	2.453	142	34715	17.591	ug/l	99
11) Tert butyl alcohol	3.044	59	29579m	93.919	ug/l	
12) 1,1-Dichloroethene	2.325	96	18810	17.859	ug/l	88
13) Acrolein	2.239	56	17794	89.206	ug/l	97
14) Allyl chloride	2.666	41	50911	19.215	ug/l	98
15) Acrylonitrile	3.068	53	79475	93.294	ug/l	99
16) Acetone	2.398	43	73880	105.612	ug/l	100
17) Carbon Disulfide	2.514	76	66241	19.138	ug/l	97
18) Methyl Acetate	2.709	43	48768	18.352	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	93122	18.675	ug/l	98
20) Methylene Chloride	2.788	84	31451	18.069	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	29121	18.584	ug/l	98
22) Diisopropyl ether	3.757	45	102388	19.179	ug/l	93
23) Vinyl Acetate	3.721	43	388036	94.659	ug/l	99
24) 1,1-Dichloroethane	3.611	63	54514	18.874	ug/l	100
25) 2-Butanone	4.568	43	110926	88.615	ug/l	99
26) 2,2-Dichloropropane	4.477	77	38496	19.279	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	34308	18.877	ug/l	99
28) Bromochloromethane	4.903	49	19940	16.995	ug/l	99
29) Tetrahydrofuran	5.019	42	71942	90.614	ug/l	100
30) Chloroform	5.092	83	56558	19.168	ug/l	95
31) Cyclohexane	5.470	56	48648	18.228	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	48681	19.080	ug/l	99
36) 1,1-Dichloropropene	5.690	75	41637	18.852	ug/l	100
37) Ethyl Acetate	4.714	43	44240	16.663	ug/l	99
38) Carbon Tetrachloride	5.678	117	43780	18.731	ug/l	99
39) Methylcyclohexane	7.379	83	49717	18.028	ug/l	99
40) Benzene	6.037	78	121515	18.824	ug/l	100

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	24929	18.577	ug/l	98
42) 1,2-Dichloroethane	6.086	62	44900	18.659	ug/l	100
43) Isopropyl Acetate	6.342	43	66306	17.559	ug/l	99
44) Trichloroethene	7.123	130	33370	18.115	ug/l	97
45) 1,2-Dichloropropane	7.427	63	31216	18.772	ug/l	99
46) Dibromomethane	7.580	93	21618	18.569	ug/l	97
47) Bromodichloromethane	7.824	83	43541	19.304	ug/l	96
48) Methyl methacrylate	7.696	41	34510	18.054	ug/l	99
49) 1,4-Dioxane	7.738	88	15592	383.499	ug/l #	82
51) 4-Methyl-2-Pentanone	8.574	43	216994	90.790	ug/l	99
52) Toluene	8.720	92	78776	18.561	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	43175	17.385	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	48160	19.290	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	31830	19.147	ug/l	99
56) Ethyl methacrylate	9.116	69	46529	18.748	ug/l	99
57) 1,3-Dichloropropane	9.305	76	53137	18.683	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	118358	93.756	ug/l	100
59) 2-Hexanone	9.433	43	161736	91.605	ug/l	99
60) Dibromochloromethane	9.518	129	35316	19.422	ug/l	99
61) 1,2-Dibromoethane	9.610	107	33943	19.304	ug/l	98
64) Tetrachloroethene	9.275	164	30101	18.304	ug/l	97
65) Chlorobenzene	10.079	112	86047	18.816	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	33518	19.608	ug/l	99
67) Ethyl Benzene	10.195	91	150549	18.860	ug/l	99
68) m/p-Xylenes	10.299	106	118337	37.987	ug/l	99
69) o-Xylene	10.640	106	58169	18.834	ug/l	100
70) Styrene	10.652	104	97962	19.307	ug/l	99
71) Bromoform	10.799	173	27494	20.089	ug/l #	97
73) Isopropylbenzene	10.963	105	153037	17.976	ug/l	99
74) N-amyl acetate	10.841	43	58362	16.918	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	48191	18.162	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	43904m	19.880	ug/l	
77) Bromobenzene	11.195	156	41127	18.249	ug/l	98
78) n-propylbenzene	11.305	91	172119	17.833	ug/l	99
79) 2-Chlorotoluene	11.366	91	104765	18.073	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	129490	18.475	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	12698	17.451	ug/l	97
82) 4-Chlorotoluene	11.451	91	120801	18.024	ug/l	99
83) tert-Butylbenzene	11.713	119	131637	18.001	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	128481	18.268	ug/l	99
85) sec-Butylbenzene	11.890	105	159489	18.460	ug/l	100
86) p-Isopropyltoluene	12.012	119	139482	18.893	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	76109	18.764	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	75699	19.078	ug/l	99
89) n-Butylbenzene	12.329	91	111676	18.089	ug/l	99
90) Hexachloroethane	12.536	117	22714	19.070	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	74178	19.140	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	9440	19.133	ug/l	96
93) 1,2,4-Trichlorobenzene	13.585	180	50199	19.705	ug/l	98
94) Hexachlorobutadiene	13.725	225	23672	19.992	ug/l	99
95) Naphthalene	13.774	128	149658	19.662	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	50040	20.264	ug/l	99

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

