

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082323\
 Data File : VX037175.D
 Acq On : 23 Aug 2023 11:53
 Operator : JC/MD
 Sample : VX0823WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 24 05:28:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 09:30:38 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin
 Yesilyurt

08/24/2023
 Supervised By :Mahesh
 Dadoda

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	143686	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	253743	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	242040	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	127636	50.000	ug/l	0.00

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System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	110420	53.305	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 106.600%	
35) Dibromofluoromethane	5.385	113	88040	52.390	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.780%	
50) Toluene-d8	8.647	98	310292	50.903	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 101.800%	
62) 4-Bromofluorobenzene	11.079	95	129172	53.922	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 107.840%	

08/24/2023

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	32349	19.381	ug/l	97
3) Chloromethane	1.307	50	30430	20.840	ug/l	99
4) Vinyl Chloride	1.374	62	29794	18.745	ug/l	99
5) Bromomethane	1.612	94	23086	29.159	ug/l	99
6) Chloroethane	1.691	64	19994	21.377	ug/l	99
7) Trichlorofluoromethane	1.892	101	51139	19.642	ug/l	100
8) Diethyl Ether	2.136	74	20937	20.785	ug/l	78
9) 1,1,2-Trichlorotrifluo...	2.331	101	28415	18.708	ug/l	97
10) Methyl Iodide	2.453	142	41128	22.279	ug/l	96
11) Tert butyl alcohol	2.953	59	41050	84.478	ug/l #	91
12) 1,1-Dichloroethene	2.319	96	27173	18.371	ug/l	89
13) Acrolein	2.233	56	27125	73.378	ug/l	98
14) Allyl chloride	2.666	41	44310	19.355	ug/l #	94
15) Acrylonitrile	3.063	53	83543	96.324	ug/l	99
16) Acetone	2.374	43	81834	100.981	ug/l	93
17) Carbon Disulfide	2.514	76	63620	16.910	ug/l	98
18) Methyl Acetate	2.703	43	56098	18.385	ug/l #	89
19) Methyl tert-butyl Ether	3.111	73	115998	20.678	ug/l	97
20) Methylene Chloride	2.788	84	36337	20.051	ug/l	86
21) trans-1,2-Dichloroethene	3.093	96	31406	18.678	ug/l	89
22) Diisopropyl ether	3.757	45	96812	20.608	ug/l #	91
23) Vinyl Acetate	3.721	43	370900	103.026	ug/l #	92
24) 1,1-Dichloroethane	3.611	63	58691	19.922	ug/l	97
25) 2-Butanone	4.550	43	114843	94.118	ug/l #	88
26) 2,2-Dichloropropane	4.471	77	52715	20.036	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	39727	20.042	ug/l	90
28) Bromochloromethane	4.891	49	27788	21.115	ug/l #	77
29) Tetrahydrofuran	5.007	42	70515	90.618	ug/l #	84
30) Chloroform	5.093	83	67273	20.342	ug/l	97
31) Cyclohexane	5.471	56	42282	18.153	ug/l	88
32) 1,1,1-Trichloroethane	5.385	97	57304	19.336	ug/l	97
36) 1,1-Dichloropropene	5.690	75	42896	17.967	ug/l	97
37) Ethyl Acetate	4.715	43	44932	18.423	ug/l #	95
38) Carbon Tetrachloride	5.678	117	48235	18.598	ug/l	99
39) Methylcyclohexane	7.379	83	48824	19.464	ug/l	89
40) Benzene	6.038	78	132745	19.386	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	4.916	41	23094	18.215	ug/l	#	87
42) 1,2-Dichloroethane	6.086	62	54014	20.115	ug/l		96
43) Isopropyl Acetate	6.336	43	75324	19.454	ug/l	#	93
44) Trichloroethene	7.123	130	35311	18.186	ug/l		98
45) 1,2-Dichloropropane	7.428	63	33543	19.867	ug/l		98
46) Dibromomethane	7.580	93	27119	20.389	ug/l		94
47) Bromodichloromethane	7.818	83	52380	20.561	ug/l		99
48) Methyl methacrylate	7.690	41	36987	19.588	ug/l	#	87
49) 1,4-Dioxane	7.659	88	16177	318.102	ug/l	#	89
51) 4-Methyl-2-Pentanone	8.574	43	231588	98.499	ug/l		93
52) Toluene	8.714	92	87927	19.435	ug/l		98
53) t-1,3-Dichloropropene	8.976	75	56477	20.821	ug/l		97
54) cis-1,3-Dichloropropene	8.366	75	59498	20.298	ug/l	#	89
55) 1,1,2-Trichloroethane	9.153	97	38090	20.676	ug/l		99
56) Ethyl methacrylate	9.116	69	58283	20.198	ug/l		88
57) 1,3-Dichloropropane	9.305	76	63196	20.349	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.238	63	145610	105.150	ug/l		93
59) 2-Hexanone	9.427	43	176366	98.380	ug/l		91
60) Dibromochloromethane	9.519	129	41133	20.971	ug/l		99
61) 1,2-Dibromoethane	9.610	107	41733	20.691	ug/l		99
64) Tetrachloroethene	9.275	164	28428	16.100	ug/l		97
65) Chlorobenzene	10.080	112	97567	19.072	ug/l		100
66) 1,1,1,2-Tetrachloroethane	10.165	131	37739	19.988	ug/l		98
67) Ethyl Benzene	10.195	91	170352	18.925	ug/l		99
68) m/p-Xylenes	10.299	106	131439	37.812	ug/l		100
69) o-Xylene	10.640	106	65704	19.158	ug/l		100
70) Styrene	10.653	104	112607	19.933	ug/l		98
71) Bromoform	10.799	173	28570	20.230	ug/l	#	99
73) Isopropylbenzene	10.964	105	168833	18.199	ug/l		99
74) N-amyl acetate	10.842	43	67987	18.860	ug/l		91
75) 1,1,2,2-Tetrachloroethane	11.213	83	58478	18.717	ug/l		99
76) 1,2,3-Trichloropropane	11.238	75	49375m	18.164	ug/l		
77) Bromobenzene	11.195	156	42900	18.934	ug/l		94
78) n-propylbenzene	11.305	91	194936	18.870	ug/l		100
79) 2-Chlorotoluene	11.366	91	122037	18.486	ug/l		98
80) 1,3,5-Trimethylbenzene	11.451	105	146908	18.983	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.018	75	17361	17.839	ug/l		91
82) 4-Chlorotoluene	11.451	91	144370	18.945	ug/l		98
83) tert-Butylbenzene	11.713	119	143336	19.421	ug/l		97
84) 1,2,4-Trimethylbenzene	11.750	105	149041	19.056	ug/l		98
85) sec-Butylbenzene	11.890	105	171669	19.914	ug/l		99
86) p-Isopropyltoluene	12.006	119	149726	20.176	ug/l		99
87) 1,3-Dichlorobenzene	11.969	146	80169	18.899	ug/l		99
88) 1,4-Dichlorobenzene	12.043	146	81936	18.696	ug/l		98
89) n-Butylbenzene	12.329	91	129058	20.976	ug/l		99
90) Hexachloroethane	12.536	117	25210	20.353	ug/l		95
91) 1,2-Dichlorobenzene	12.335	146	80495	19.379	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	13511	18.611	ug/l		88
93) 1,2,4-Trichlorobenzene	13.585	180	50746	20.879	ug/l		98
94) Hexachlorobutadiene	13.725	225	18737	19.955	ug/l		97
95) Naphthalene	13.774	128	180236	16.929	ug/l		99
96) 1,2,3-Trichlorobenzene	13.963	180	49183	20.368	ug/l		98

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

