

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082423\
 Data File : VX037214.D
 Acq On : 24 Aug 2023 14:17
 Operator : JC/MD
 Sample : VX0824WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0824WBSD01

Manual Integrations
 APPROVED

Reviewed By :Mahesh
 Dadoda

Supervised By :Semsettin
 Yesilyurt
 08/25/2023

Quant Time: Aug 24 23:38:50 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

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	152689	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	261177	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	242851	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	124621	50.000	ug/l	0.00

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System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	106392	48.332	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.660%
35) Dibromofluoromethane	5.385	113	87579	50.632	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.260%
50) Toluene-d8	8.647	98	310781	49.532	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.060%
62) 4-Bromofluorobenzene	11.079	95	124799	50.614	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.220%

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Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	36866	20.785	ug/l	97
3) Chloromethane	1.300	50	33477	21.574	ug/l	98
4) Vinyl Chloride	1.374	62	33644	19.919	ug/l	98
5) Bromomethane	1.599	94	20687	24.589	ug/l	97
6) Chloroethane	1.685	64	22770	22.909	ug/l	97
7) Trichlorofluoromethane	1.886	101	57559	20.804	ug/l	99
8) Diethyl Ether	2.136	74	21610	20.188	ug/l	76
9) 1,1,2-Trichlorotrifluo...	2.331	101	31731	19.659	ug/l	99
10) Methyl Iodide	2.453	142	39083	19.923	ug/l	96
11) Tert butyl alcohol	2.959	59	48314	93.565	ug/l #	91
12) 1,1-Dichloroethene	2.319	96	29935	19.045	ug/l	82
13) Acrolein	2.233	56	36428	92.733	ug/l	98
14) Allyl chloride	2.660	41	46949	19.298	ug/l #	94
15) Acrylonitrile	3.062	53	91722	99.519	ug/l	99
16) Acetone	2.380	43	90149	104.683	ug/l	90
17) Carbon Disulfide	2.508	76	65351	16.346	ug/l	99
18) Methyl Acetate	2.703	43	61238	18.886	ug/l #	88
19) Methyl tert-butyl Ether	3.111	73	117609	19.729	ug/l	98
20) Methylene Chloride	2.788	84	36642	19.027	ug/l	89
21) trans-1,2-Dichloroethene	3.093	96	32509	18.194	ug/l	88
22) Diisopropyl ether	3.757	45	98541	19.739	ug/l #	95
23) Vinyl Acetate	3.721	43	374098	97.787	ug/l #	92
24) 1,1-Dichloroethane	3.611	63	61185	19.544	ug/l	98
25) 2-Butanone	4.556	43	128018	98.729	ug/l #	87
26) 2,2-Dichloropropane	4.477	77	54680	19.558	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	40986	19.458	ug/l	90
28) Bromochloromethane	4.897	49	27074	19.359	ug/l #	75
29) Tetrahydrofuran	5.001	42	78676	95.144	ug/l #	85
30) Chloroform	5.092	83	68638	19.531	ug/l	100
31) Cyclohexane	5.470	56	47244	19.087	ug/l #	87
32) 1,1,1-Trichloroethane	5.385	97	61970	19.678	ug/l	97
36) 1,1-Dichloropropene	5.690	75	46555	18.944	ug/l	98
37) Ethyl Acetate	4.714	43	48027	19.132	ug/l #	95
38) Carbon Tetrachloride	5.678	117	52616	19.710	ug/l	97
39) Methylcyclohexane	7.379	83	54865	21.250	ug/l	88
40) Benzene	6.037	78	138828	19.698	ug/l	99

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41) Methacrylonitrile	4.922	41	25082	19.220	ug/l	#	88
42) 1,2-Dichloroethane	6.086	62	54660	19.776	ug/l		95
43) Isopropyl Acetate	6.342	43	77042	19.331	ug/l	#	92
44) Trichloroethene	7.123	130	37697	18.863	ug/l		93
45) 1,2-Dichloropropane	7.433	63	35121	20.210	ug/l		98
46) Dibromomethane	7.580	93	27442	20.045	ug/l		94
47) Bromodichloromethane	7.824	83	52482	20.015	ug/l		99
48) Methyl methacrylate	7.696	41	37874	19.487	ug/l	#	87
49) 1,4-Dioxane	7.659	88	21845	417.330	ug/l	#	89
51) 4-Methyl-2-Pentanone	8.574	43	244025	100.835	ug/l		91
52) Toluene	8.720	92	93250	20.025	ug/l		100
53) t-1,3-Dichloropropene	8.976	75	54445	19.500	ug/l		99
54) cis-1,3-Dichloropropene	8.366	75	58745	19.470	ug/l	#	89
55) 1,1,2-Trichloroethane	9.153	97	38717	20.418	ug/l		96
56) Ethyl methacrylate	9.116	69	59430	20.009	ug/l		87
57) 1,3-Dichloropropane	9.311	76	64930	20.312	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.238	63	139948	98.185	ug/l		92
59) 2-Hexanone	9.427	43	191755	103.919	ug/l		90
60) Dibromochloromethane	9.518	129	40427	20.024	ug/l		99
61) 1,2-Dibromoethane	9.610	107	41894	20.179	ug/l		99
64) Tetrachloroethene	9.275	164	29504	16.654	ug/l		98
65) Chlorobenzene	10.079	112	101259	19.728	ug/l		98
66) 1,1,1,2-Tetrachloroethane	10.165	131	38827	20.496	ug/l		99
67) Ethyl Benzene	10.195	91	181093	20.051	ug/l		99
68) m/p-Xylenes	10.299	106	138117	39.600	ug/l		100
69) o-Xylene	10.640	106	70717	20.551	ug/l		98
70) Styrene	10.652	104	115266	20.335	ug/l		98
71) Bromoform	10.799	173	28666	20.230	ug/l	#	98
73) Isopropylbenzene	10.963	105	185029	20.427	ug/l		100
74) N-amyl acetate	10.841	43	69101	19.633	ug/l		92
75) 1,1,2,2-Tetrachloroethane	11.213	83	63364	20.771	ug/l		100
76) 1,2,3-Trichloropropane	11.238	75	51493m	19.402	ug/l		
77) Bromobenzene	11.201	156	44583	20.153	ug/l		92
78) n-propylbenzene	11.305	91	207151	20.538	ug/l		100
79) 2-Chlorotoluene	11.366	91	130333	20.221	ug/l		98
80) 1,3,5-Trimethylbenzene	11.451	105	159003	21.043	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.018	75	17491	18.407	ug/l		92
82) 4-Chlorotoluene	11.451	91	149065	20.035	ug/l		99
83) tert-Butylbenzene	11.713	119	158177	21.950	ug/l		98
84) 1,2,4-Trimethylbenzene	11.750	105	158636	20.773	ug/l		98
85) sec-Butylbenzene	11.890	105	194312	23.085	ug/l		99
86) p-Isopropyltoluene	12.006	119	162196	22.385	ug/l		99
87) 1,3-Dichlorobenzene	11.969	146	83661	20.199	ug/l		99
88) 1,4-Dichlorobenzene	12.042	146	84775	19.811	ug/l		100
89) n-Butylbenzene	12.329	91	133211	22.175	ug/l		99
90) Hexachloroethane	12.536	117	28286	23.389	ug/l		97
91) 1,2-Dichlorobenzene	12.335	146	85344	21.043	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	14545	20.520	ug/l		87
93) 1,2,4-Trichlorobenzene	13.585	180	50015	21.076	ug/l		97
94) Hexachlorobutadiene	13.725	225	22527	24.572	ug/l		97
95) Naphthalene	13.774	128	181295	17.441	ug/l		100
96) 1,2,3-Trichlorobenzene	13.963	180	50883	21.582	ug/l		97

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

08/25/2023

