

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082323\
 Data File : VX037199.D
 Acq On : 23 Aug 2023 21:31
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 08/24/2023
 Supervised By : Mahesh Dadoda 08/24/2023

Quant Time: Aug 24 05:40:33 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	111356	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	217373	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	209888	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	109030	50.000	ug/l	0.00

08/24/2023
 Supervised By : Mahesh
 Dadoda

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	99484	61.969	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 123.940%#	
35) Dibromofluoromethane	5.385	113	79407	55.159	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 110.320%	
50) Toluene-d8	8.647	98	273161	52.310	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 104.620%	
62) 4-Bromofluorobenzene	11.079	95	115506	56.285	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 112.560%	

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Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	54986	42.508	ug/l	99
3) Chloromethane	1.307	50	70641	62.423	ug/l	100
4) Vinyl Chloride	1.374	62	63408	51.476	ug/l	98
5) Bromomethane	1.593	94	33849	55.167	ug/l	100
6) Chloroethane	1.672	64	41257	56.917	ug/l	95
7) Trichlorofluoromethane	1.880	101	94068	46.619	ug/l	98
8) Diethyl Ether	2.136	74	48343	61.926	ug/l	74
9) 1,1,2-Trichlorotrifluo...	2.325	101	47979	40.759	ug/l	97
10) Methyl Iodide	2.447	142	91846	64.198	ug/l	96
11) Tert butyl alcohol	2.971	59	126787	336.672	ug/l #	93
12) 1,1-Dichloroethene	2.312	96	55875	48.744	ug/l	87
13) Acrolein	2.233	56	67600	235.961	ug/l	99
14) Allyl chloride	2.660	41	100569	56.682	ug/l #	93
15) Acrylonitrile	3.062	53	215990	321.336	ug/l	99
16) Acetone	2.380	43	189098	301.089	ug/l	91
17) Carbon Disulfide	2.508	76	128752	44.157	ug/l	99
18) Methyl Acetate	2.703	43	146890	62.117	ug/l #	88
19) Methyl tert-butyl Ether	3.117	73	271308	62.406	ug/l	96
20) Methylene Chloride	2.788	84	81642	58.129	ug/l #	86
21) trans-1,2-Dichloroethene	3.087	96	67713	51.964	ug/l	89
22) Diisopropyl ether	3.763	45	221020	60.706	ug/l #	82
23) Vinyl Acetate	3.721	43	868381	311.244	ug/l #	91
24) 1,1-Dichloroethane	3.605	63	133225	58.351	ug/l	97
25) 2-Butanone	4.556	43	295385	312.362	ug/l #	88
26) 2,2-Dichloropropane	4.471	77	94124	46.162	ug/l	97
27) cis-1,2-Dichloroethene	4.483	96	89032	57.956	ug/l	88
28) Bromochloromethane	4.897	49	68258	66.924	ug/l #	76
29) Tetrahydrofuran	5.007	42	186265	308.862	ug/l #	83
30) Chloroform	5.092	83	151275	59.023	ug/l	99
31) Cyclohexane	5.464	56	75031	41.565	ug/l	88
32) 1,1,1-Trichloroethane	5.379	97	123256	53.666	ug/l	97
36) 1,1-Dichloropropene	5.690	75	87686	42.872	ug/l	98
37) Ethyl Acetate	4.714	43	112555	53.873	ug/l #	93
38) Carbon Tetrachloride	5.672	117	99248	44.671	ug/l	96
39) Methylcyclohexane	7.379	83	82362	38.328	ug/l	91
40) Benzene	6.037	78	299185	51.004	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	4.922	41	60415	55.625	ug/l	#	87
42) 1,2-Dichloroethane	6.086	62	123252	53.580	ug/l		96
43) Isopropyl Acetate	6.342	43	184738	55.695	ug/l	#	92
44) Trichloroethene	7.123	130	75479	45.379	ug/l		100
45) 1,2-Dichloropropane	7.427	63	77625	53.669	ug/l		98
46) Dibromomethane	7.580	93	61975	54.392	ug/l		93
47) Bromodichloromethane	7.824	83	120756	55.332	ug/l		98
48) Methyl methacrylate	7.690	41	90114	55.708	ug/l	#	87
49) 1,4-Dioxane	7.659	88	56105	1287.831	ug/l	#	86
51) 4-Methyl-2-Pentanone	8.574	43	584872	290.379	ug/l		91
52) Toluene	8.720	92	194567	50.201	ug/l		99
53) t-1,3-Dichloropropene	8.976	75	129397	55.685	ug/l		100
54) cis-1,3-Dichloropropene	8.366	75	135427	53.931	ug/l	#	87
55) 1,1,2-Trichloroethane	9.153	97	90615	57.417	ug/l		97
56) Ethyl methacrylate	9.116	69	143245	57.947	ug/l		87
57) 1,3-Dichloropropane	9.305	76	149434	56.169	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.244	63	336527	283.680	ug/l		92
59) 2-Hexanone	9.433	43	461780	300.686	ug/l		89
60) Dibromochloromethane	9.518	129	99748	59.364	ug/l		98
61) 1,2-Dibromoethane	9.610	107	97685	56.534	ug/l		100
64) Tetrachloroethene	9.275	164	55859	36.482	ug/l		99
65) Chlorobenzene	10.079	112	220506	49.708	ug/l		100
66) 1,1,1,2-Tetrachloroethane	10.165	131	88308	53.937	ug/l		99
67) Ethyl Benzene	10.195	91	367824	47.122	ug/l		99
68) m/p-Xylenes	10.299	106	288019	95.548	ug/l		98
69) o-Xylene	10.640	106	150083	50.464	ug/l		99
70) Styrene	10.652	104	257938	52.652	ug/l		98
71) Bromoform	10.799	173	73535	60.044	ug/l	#	100
73) Isopropylbenzene	10.963	105	360653	45.509	ug/l		98
74) N-amyl acetate	10.841	43	170837	55.479	ug/l	#	91
75) 1,1,2,2-Tetrachloroethane	11.213	83	150053	56.223	ug/l		99
76) 1,2,3-Trichloropropane	11.238	75	123715m	53.280	ug/l		
77) Bromobenzene	11.195	156	97673	50.465	ug/l		93
78) n-propylbenzene	11.305	91	405441	45.945	ug/l		99
79) 2-Chlorotoluene	11.366	91	274279	48.638	ug/l		98
80) 1,3,5-Trimethylbenzene	11.451	105	322905	48.846	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.018	75	43694	52.558	ug/l		87
82) 4-Chlorotoluene	11.451	91	314759	48.354	ug/l		98
83) tert-Butylbenzene	11.713	119	315898	50.106	ug/l		97
84) 1,2,4-Trimethylbenzene	11.750	105	333008	49.843	ug/l		98
85) sec-Butylbenzene	11.890	105	360690	48.980	ug/l		99
86) p-Isopropyltoluene	12.006	119	310940	49.049	ug/l		99
87) 1,3-Dichlorobenzene	11.969	146	180309	49.760	ug/l		99
88) 1,4-Dichlorobenzene	12.042	146	183360	48.978	ug/l		99
89) n-Butylbenzene	12.329	91	246952	46.987	ug/l		98
90) Hexachloroethane	12.536	117	58033	54.847	ug/l		91
91) 1,2-Dichlorobenzene	12.335	146	189539	53.417	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	35870	57.842	ug/l		83
93) 1,2,4-Trichlorobenzene	13.585	180	105101	50.622	ug/l		98
94) Hexachlorobutadiene	13.725	225	34849	43.449	ug/l		97
95) Naphthalene	13.774	128	432377	47.543	ug/l		100
96) 1,2,3-Trichlorobenzene	13.963	180	107770	52.247	ug/l		98

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

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