

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083023\
 Data File : VX037424.D
 Acq On : 31 Aug 2023 12:16
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 31 18:24:28 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 :Mahesh
 Dadoda

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

Internal Standards							09/01/2023
1) Pentafluorobenzene	5.550	168	115655	50.000	ug/l	0.00	Supervised By : Semsettin Pesilyurt
34) 1,4-Difluorobenzene	6.763	114	214546	50.000	ug/l	0.00	
63) Chlorobenzene-d5	10.055	117	210001	50.000	ug/l	0.00	
72) 1,4-Dichlorobenzene-d4	12.024	152	111987	50.000	ug/l	0.00	
System Monitoring Compounds							09/01/2023
33) 1,2-Dichloroethane-d4	5.952	65	94444	56.642	ug/l	0.00	
Spiked Amount	50.000	Range	78 - 117	Recovery	= 113.280%		
35) Dibromofluoromethane	5.385	113	79800	56.162	ug/l	0.00	
Spiked Amount	50.000	Range	75 - 124	Recovery	= 112.320%		
50) Toluene-d8	8.647	98	274191	53.199	ug/l	0.00	
Spiked Amount	50.000	Range	92 - 112	Recovery	= 106.400%		
62) 4-Bromofluorobenzene	11.079	95	116902	57.715	ug/l	0.00	
Spiked Amount	50.000	Range	83 - 123	Recovery	= 115.440%		
Target Compounds						Qvalue	
2) Dichlorodifluoromethane	1.166	85	61074	45.460	ug/l	99	
3) Chloromethane	1.300	50	72841	61.974	ug/l	100	
4) Vinyl Chloride	1.374	62	68836	53.805	ug/l	97	
5) Bromomethane	1.599	94	48551	76.187	ug/l	99	
6) Chloroethane	1.678	64	48121	63.919	ug/l	99	
7) Trichlorofluoromethane	1.886	101	102137	48.737	ug/l	99	
8) Diethyl Ether	2.130	74	49797	61.418	ug/l	76	
9) 1,1,2-Trichlorotrifluo...	2.325	101	56215	45.981	ug/l	97	
10) Methyl Iodide	2.453	142	79916	53.783	ug/l	94	
11) Tert butyl alcohol	2.959	59	103975	265.834	ug/l #	93	
12) 1,1-Dichloroethene	2.319	96	60007	50.403	ug/l	83	
13) Acrolein	2.233	56	72689	244.294	ug/l	99	
14) Allyl chloride	2.660	41	101691	55.184	ug/l #	90	
15) Acrylonitrile	3.062	53	215092	308.105	ug/l	99	
16) Acetone	2.380	43	186951	286.606	ug/l #	89	
17) Carbon Disulfide	2.508	76	131191	43.321	ug/l	100	
18) Methyl Acetate	2.703	43	142515	58.027	ug/l #	86	
19) Methyl tert-butyl Ether	3.111	73	266669	59.059	ug/l	97	
20) Methylene Chloride	2.788	84	85131	58.360	ug/l #	85	
21) trans-1,2-Dichloroethene	3.093	96	70047	51.757	ug/l	85	
22) Diisopropyl ether	3.757	45	223369	59.070	ug/l #	91	
23) Vinyl Acetate	3.721	43	856419	295.547	ug/l #	90	
24) 1,1-Dichloroethane	3.611	63	136323	57.489	ug/l	96	
25) 2-Butanone	4.550	43	284450	289.617	ug/l #	86	
26) 2,2-Dichloropropane	4.477	77	110657	52.253	ug/l	97	
27) cis-1,2-Dichloroethene	4.489	96	92024	57.677	ug/l	87	
28) Bromochloromethane	4.897	49	60356	56.977	ug/l #	74	
29) Tetrahydrofuran	5.001	42	178421	284.858	ug/l #	82	
30) Chloroform	5.092	83	153704	57.742	ug/l	97	
31) Cyclohexane	5.470	56	86865	46.332	ug/l	89	
32) 1,1,1-Trichloroethane	5.385	97	124245	52.085	ug/l	96	
36) 1,1-Dichloropropene	5.690	75	91706	45.428	ug/l	97	
37) Ethyl Acetate	4.714	43	109598	53.149	ug/l #	93	
38) Carbon Tetrachloride	5.672	117	103045	46.991	ug/l	97	
39) Methylcyclohexane	7.379	83	97815	46.119	ug/l	92	
40) Benzene	6.037	78	314740	54.363	ug/l	99	

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	4.916	41	58657	54.718	ug/l	#	86
42) 1,2-Dichloroethane	6.086	62	120475	53.063	ug/l		94
43) Isopropyl Acetate	6.342	43	174237	53.221	ug/l	#	89
44) Trichloroethene	7.123	130	84067	51.208	ug/l		94
45) 1,2-Dichloropropane	7.427	63	81458	57.062	ug/l		99
46) Dibromomethane	7.580	93	62641	55.701	ug/l		93
47) Bromodichloromethane	7.824	83	121670	56.485	ug/l		98
48) Methyl methacrylate	7.690	41	86761	54.342	ug/l	#	83
49) 1,4-Dioxane	7.659	88	48665	1131.773	ug/l	#	86
51) 4-Methyl-2-Pentanone	8.574	43	560866	282.130	ug/l		89
52) Toluene	8.720	92	206891	54.085	ug/l		100
53) t-1,3-Dichloropropene	8.976	75	128312	55.945	ug/l		100
54) cis-1,3-Dichloropropene	8.366	75	137308	55.400	ug/l	#	83
55) 1,1,2-Trichloroethane	9.153	97	93535	60.048	ug/l		99
56) Ethyl methacrylate	9.116	69	140471	57.574	ug/l	#	83
57) 1,3-Dichloropropane	9.305	76	152650	58.134	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.238	63	321710	274.763	ug/l		92
59) 2-Hexanone	9.427	43	433708	286.129	ug/l		87
60) Dibromochloromethane	9.518	129	97725	58.926	ug/l		100
61) 1,2-Dibromoethane	9.610	107	98693	57.870	ug/l		100
64) Tetrachloroethene	9.275	164	61244	39.977	ug/l		99
65) Chlorobenzene	10.079	112	229841	51.784	ug/l		100
66) 1,1,1,2-Tetrachloroethane	10.165	131	89168	54.433	ug/l		100
67) Ethyl Benzene	10.195	91	390059	49.944	ug/l		99
68) m/p-Xylenes	10.299	106	305085	101.155	ug/l		97
69) o-Xylene	10.640	106	155415	52.229	ug/l		99
70) Styrene	10.652	104	265346	54.135	ug/l		97
71) Bromoform	10.799	173	70178	57.272	ug/l	#	98
73) Isopropylbenzene	10.963	105	385193	47.322	ug/l		99
74) N-amyl acetate	10.841	43	156526	49.490	ug/l	#	87
75) 1,1,2,2-Tetrachloroethane	11.213	83	149067	54.379	ug/l		99
76) 1,2,3-Trichloropropane	11.238	75	118839m	49.829	ug/l		
77) Bromobenzene	11.195	156	100842	50.727	ug/l		91
78) n-propylbenzene	11.305	91	432363	47.702	ug/l		98
79) 2-Chlorotoluene	11.366	91	281400	48.583	ug/l		97
80) 1,3,5-Trimethylbenzene	11.451	105	338119	49.796	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.018	75	42300	49.538	ug/l		87
82) 4-Chlorotoluene	11.457	91	323339	48.360	ug/l		98
83) tert-Butylbenzene	11.713	119	328757	50.769	ug/l		96
84) 1,2,4-Trimethylbenzene	11.750	105	345180	50.301	ug/l		97
85) sec-Butylbenzene	11.890	105	387057	51.172	ug/l		99
86) p-Isopropyltoluene	12.006	119	336974	51.752	ug/l		97
87) 1,3-Dichlorobenzene	11.969	146	185829	49.929	ug/l		99
88) 1,4-Dichlorobenzene	12.042	146	187902	48.866	ug/l		99
89) n-Butylbenzene	12.329	91	276110	51.147	ug/l		99
90) Hexachloroethane	12.536	117	59069	54.352	ug/l		92
91) 1,2-Dichlorobenzene	12.335	146	193770	53.167	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	33413	52.457	ug/l		78
93) 1,2,4-Trichlorobenzene	13.585	180	115277	54.058	ug/l		98
94) Hexachlorobutadiene	13.725	225	39794	48.304	ug/l		99
95) Naphthalene	13.774	128	434425	46.507	ug/l		99
96) 1,2,3-Trichlorobenzene	13.963	180	116186	54.840	ug/l		98

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 Yesilyurt

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

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09/01/2023

