

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083023\
 Data File : VX037400.D
 Acq On : 30 Aug 2023 19:45
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 31 02:29:53 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 :John Carlone 08/31/2023
 Supervised By :Mahesh Dadoda 09/01/2023

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 Dadoda
 09/01/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	09/01/2023
Internal Standards							08/31/2023
1) Pentafluorobenzene	5.550	168	94680	50.000	ug/l	0.00	Supervised By :Mahesh
34) 1,4-Difluorobenzene	6.763	114	188469	50.000	ug/l	0.00	Padoda
63) Chlorobenzene-d5	10.055	117	183763	50.000	ug/l	0.00	
72) 1,4-Dichlorobenzene-d4	12.024	152	94559	50.000	ug/l	0.00	
System Monitoring Compounds							09/01/2023
33) 1,2-Dichloroethane-d4	5.958	65	84989	62.264	ug/l	0.00	
Spiked Amount	50.000	Range	78 - 117	Recovery	=	124.520%#	
35) Dibromofluoromethane	5.385	113	72237	57.874	ug/l	0.00	
Spiked Amount	50.000	Range	75 - 124	Recovery	=	115.740%	
50) Toluene-d8	8.647	98	240376	53.091	ug/l	0.00	
Spiked Amount	50.000	Range	92 - 112	Recovery	=	106.180%	
62) 4-Bromofluorobenzene	11.079	95	103430	58.130	ug/l	0.00	
Spiked Amount	50.000	Range	83 - 123	Recovery	=	116.260%	
Target Compounds						Qvalue	
2) Dichlorodifluoromethane	1.167	85	52833	48.038	ug/l	97	
3) Chloromethane	1.301	50	67637	70.295	ug/l	98	
4) Vinyl Chloride	1.374	62	62575	59.747	ug/l	99	
5) Bromomethane	1.593	94	28022	53.714	ug/l	100	
6) Chloroethane	1.666	64	36610	59.402	ug/l	98	
7) Trichlorofluoromethane	1.874	101	84680	49.358	ug/l	98	
8) Diethyl Ether	2.136	74	46518	70.084	ug/l	75	
9) 1,1,2-Trichlorotrifluo...	2.319	101	47603	47.563	ug/l	95	
10) Methyl Iodide	2.447	142	77260	63.514	ug/l	92	
11) Tert butyl alcohol	2.983	59	127171	397.169	ug/l #	94	
12) 1,1-Dichloroethene	2.313	96	53923	55.326	ug/l #	80	
13) Acrolein	2.240	56	63985	262.680	ug/l	97	
14) Allyl chloride	2.660	41	92881	61.569	ug/l #	86	
15) Acrylonitrile	3.063	53	221290	387.206	ug/l	99	
16) Acetone	2.386	43	247055	462.655	ug/l #	88	
17) Carbon Disulfide	2.502	76	117847	47.536	ug/l	100	
18) Methyl Acetate	2.703	43	146106	72.668	ug/l #	85	
19) Methyl tert-butyl Ether	3.117	73	255355	69.082	ug/l	98	
20) Methylene Chloride	2.788	84	80043	67.028	ug/l #	83	
21) trans-1,2-Dichloroethene	3.087	96	63752	57.541	ug/l	87	
22) Diisopropyl ether	3.764	45	206173	66.602	ug/l #	82	
23) Vinyl Acetate	3.721	43	822286	346.632	ug/l #	90	
24) 1,1-Dichloroethane	3.605	63	122162	62.930	ug/l	97	
25) 2-Butanone	4.556	43	294147	365.839	ug/l #	86	
26) 2,2-Dichloropropane	4.471	77	81518	47.021	ug/l	94	
27) cis-1,2-Dichloroethene	4.483	96	82974	63.526	ug/l	86	
28) Bromochloromethane	4.898	49	54566	62.923	ug/l #	70	
29) Tetrahydrofuran	5.007	42	186894	364.488	ug/l #	81	
30) Chloroform	5.093	83	137675	63.178	ug/l	97	
31) Cyclohexane	5.465	56	74667	48.649	ug/l #	83	
32) 1,1,1-Trichloroethane	5.385	97	108002	55.306	ug/l	95	
36) 1,1-Dichloropropene	5.690	75	80172	45.210	ug/l	97	
37) Ethyl Acetate	4.715	43	111496	61.550	ug/l #	92	
38) Carbon Tetrachloride	5.678	117	88908	46.154	ug/l	99	
39) Methylcyclohexane	7.379	83	83478	44.805	ug/l	88	
40) Benzene	6.038	78	285260	56.088	ug/l	98	

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	4.922	41	60787	64.550	ug/l	#	87
42) 1,2-Dichloroethane	6.086	62	110984	55.646	ug/l		93
43) Isopropyl Acetate	6.342	43	177680	61.782	ug/l	#	89
44) Trichloroethene	7.123	130	71363	49.484	ug/l		100
45) 1,2-Dichloropropane	7.428	63	74615	59.500	ug/l		100
46) Dibromomethane	7.580	93	58752	59.471	ug/l		92
47) Bromodichloromethane	7.824	83	108169	57.165	ug/l		98
48) Methyl methacrylate	7.696	41	85491	60.955	ug/l	#	81
49) 1,4-Dioxane	7.665	88	50474	1336.259	ug/l	#	87
51) 4-Methyl-2-Pentanone	8.574	43	581731	333.114	ug/l		89
52) Toluene	8.720	92	186971	55.640	ug/l		99
53) t-1,3-Dichloropropene	8.976	75	120457	59.787	ug/l		97
54) cis-1,3-Dichloropropene	8.366	75	126289	58.005	ug/l	#	84
55) 1,1,2-Trichloroethane	9.153	97	88857	64.938	ug/l		98
56) Ethyl methacrylate	9.116	69	141346	65.948	ug/l	#	82
57) 1,3-Dichloropropane	9.305	76	144042	62.446	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.238	63	315815	307.048	ug/l		91
59) 2-Hexanone	9.433	43	457817	343.824	ug/l		85
60) Dibromochloromethane	9.519	129	90795	62.323	ug/l		100
61) 1,2-Dibromoethane	9.610	107	95099	63.478	ug/l		100
64) Tetrachloroethene	9.275	164	53270	39.737	ug/l		99
65) Chlorobenzene	10.080	112	209549	53.953	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.165	131	83230	58.063	ug/l		100
67) Ethyl Benzene	10.195	91	347170	50.799	ug/l		100
68) m/p-Xylenes	10.299	106	272676	103.318	ug/l		97
69) o-Xylene	10.640	106	143402	55.073	ug/l		98
70) Styrene	10.659	104	244965	57.112	ug/l		97
71) Bromoform	10.799	173	68741	64.110	ug/l	#	100
73) Isopropylbenzene	10.964	105	335569	48.824	ug/l		98
74) N-amyl acetate	10.842	43	161929	60.634	ug/l	#	88
75) 1,1,2,2-Tetrachloroethane	11.214	83	145238	62.747	ug/l		99
76) 1,2,3-Trichloropropane	11.238	75	118207m	58.698	ug/l		
77) Bromobenzene	11.201	156	93291	55.578	ug/l		92
78) n-propylbenzene	11.305	91	368465	48.145	ug/l		98
79) 2-Chlorotoluene	11.366	91	254280	51.992	ug/l		97
80) 1,3,5-Trimethylbenzene	11.451	105	293314	51.159	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.018	75	42101	58.392	ug/l		85
82) 4-Chlorotoluene	11.451	91	287783	50.975	ug/l		98
83) tert-Butylbenzene	11.713	119	296069	54.147	ug/l		94
84) 1,2,4-Trimethylbenzene	11.750	105	309107	53.346	ug/l		97
85) sec-Butylbenzene	11.890	105	327205	51.233	ug/l		98
86) p-Isopropyltoluene	12.012	119	284198	51.692	ug/l		97
87) 1,3-Dichlorobenzene	11.969	146	164787	52.436	ug/l		99
88) 1,4-Dichlorobenzene	12.043	146	167599	51.619	ug/l		99
89) n-Butylbenzene	12.335	91	223009	48.924	ug/l		99
90) Hexachloroethane	12.536	117	51432	56.047	ug/l		91
91) 1,2-Dichlorobenzene	12.335	146	175611	57.066	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	34366	63.898	ug/l		77
93) 1,2,4-Trichlorobenzene	13.585	180	99762	55.404	ug/l		98
94) Hexachlorobutadiene	13.725	225	34373	49.414	ug/l		98
95) Naphthalene	13.774	128	424326	53.798	ug/l		100
96) 1,2,3-Trichlorobenzene	13.963	180	105517	58.983	ug/l		99

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

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

