

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082923\
 Data File : VX037374.D
 Acq On : 30 Aug 2023 06:47
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 31 01:27:20 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

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	101597	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	198301	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	193997	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	100589	50.000	ug/l	0.00

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System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	89627	61.191	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 122.380%#	
35) Dibromofluoromethane	5.385	113	75416	57.425	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 114.840%	
50) Toluene-d8	8.647	98	259449	54.462	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 108.920%	
62) 4-Bromofluorobenzene	11.079	95	108651	58.036	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 116.080%	

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Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	57598	48.805	ug/l	99
3) Chloromethane	1.301	50	72003	69.738	ug/l	95
4) Vinyl Chloride	1.374	62	66755	59.399	ug/l	97
5) Bromomethane	1.599	94	29642	52.951	ug/l	96
6) Chloroethane	1.672	64	40203	60.791	ug/l	97
7) Trichlorofluoromethane	1.880	101	92862	50.442	ug/l	99
8) Diethyl Ether	2.136	74	48019	67.420	ug/l	76
9) 1,1,2-Trichlorotrifluo...	2.325	101	49611	46.194	ug/l	96
10) Methyl Iodide	2.447	142	70436	53.962	ug/l	94
11) Tert butyl alcohol	2.971	59	115801	337.037	ug/l #	93
12) 1,1-Dichloroethene	2.313	96	57501	54.981	ug/l	84
13) Acrolein	2.233	56	51950	198.752	ug/l	99
14) Allyl chloride	2.660	41	90182	55.710	ug/l #	89
15) Acrylonitrile	3.062	53	218878	356.911	ug/l	97
16) Acetone	2.380	43	183712	320.611	ug/l #	87
17) Carbon Disulfide	2.508	76	131719	49.514	ug/l	98
18) Methyl Acetate	2.703	43	145039	67.226	ug/l #	86
19) Methyl tert-butyl Ether	3.111	73	259534	65.432	ug/l	97
20) Methylene Chloride	2.788	84	82433	64.330	ug/l #	84
21) trans-1,2-Dichloroethene	3.087	96	69349	58.331	ug/l	85
22) Diisopropyl ether	3.757	45	214763	64.653	ug/l #	90
23) Vinyl Acetate	3.721	43	816482	320.752	ug/l #	89
24) 1,1-Dichloroethane	3.605	63	131548	63.151	ug/l	96
25) 2-Butanone	4.556	43	284800	330.098	ug/l #	84
26) 2,2-Dichloropropane	4.471	77	49451	26.582	ug/l	89
27) cis-1,2-Dichloroethene	4.489	96	88293	62.996	ug/l	83
28) Bromochloromethane	4.897	49	57199	61.468	ug/l #	73
29) Tetrahydrofuran	5.007	42	180417	327.901	ug/l #	81
30) Chloroform	5.093	83	146761	62.762	ug/l	99
31) Cyclohexane	5.470	56	79246	48.117	ug/l	87
32) 1,1,1-Trichloroethane	5.385	97	117842	56.237	ug/l	96
36) 1,1-Dichloropropene	5.690	75	86382	46.296	ug/l	97
37) Ethyl Acetate	4.715	43	108865	57.118	ug/l #	93
38) Carbon Tetrachloride	5.678	117	96826	47.772	ug/l	99
39) Methylcyclohexane	7.379	83	88846	45.322	ug/l	90
40) Benzene	6.037	78	304926	56.982	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	4.922	41	58124	58.662	ug/l	#	87
42) 1,2-Dichloroethane	6.086	62	115585	55.079	ug/l		93
43) Isopropyl Acetate	6.342	43	173804	57.438	ug/l	#	90
44) Trichloroethene	7.129	130	76772	50.595	ug/l		94
45) 1,2-Dichloropropane	7.427	63	77853	59.004	ug/l		99
46) Dibromomethane	7.580	93	60718	58.414	ug/l		93
47) Bromodichloromethane	7.824	83	115713	58.120	ug/l		97
48) Methyl methacrylate	7.690	41	85142	57.696	ug/l	#	82
49) 1,4-Dioxane	7.659	88	52852	1329.840	ug/l	#	86
51) 4-Methyl-2-Pentanone	8.574	43	562022	305.871	ug/l		89
52) Toluene	8.720	92	198851	56.241	ug/l		99
53) t-1,3-Dichloropropene	8.976	75	111284	52.496	ug/l		100
54) cis-1,3-Dichloropropene	8.366	75	119793	52.293	ug/l	#	84
55) 1,1,2-Trichloroethane	9.153	97	88529	61.491	ug/l		95
56) Ethyl methacrylate	9.116	69	138049	61.216	ug/l	#	83
57) 1,3-Dichloropropane	9.305	76	144898	59.702	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.244	63	316672	292.616	ug/l		92
59) 2-Hexanone	9.433	43	439380	313.617	ug/l		86
60) Dibromochloromethane	9.519	129	94360	61.558	ug/l		99
61) 1,2-Dibromoethane	9.610	107	95692	60.707	ug/l		99
64) Tetrachloroethene	9.275	164	62388	44.083	ug/l		98
65) Chlorobenzene	10.079	112	220491	53.776	ug/l		100
66) 1,1,1,2-Tetrachloroethane	10.165	131	86334	57.051	ug/l		99
67) Ethyl Benzene	10.195	91	371831	51.537	ug/l		100
68) m/p-Xylenes	10.299	106	290534	104.277	ug/l		97
69) o-Xylene	10.640	106	150804	54.860	ug/l		97
70) Styrene	10.652	104	256791	56.711	ug/l		97
71) Bromoform	10.799	173	69431	61.337	ug/l	#	99
73) Isopropylbenzene	10.963	105	364088	49.798	ug/l		98
74) N-amyl acetate	10.841	43	156311	55.022	ug/l	#	87
75) 1,1,2,2-Tetrachloroethane	11.213	83	144286	58.599	ug/l		99
76) 1,2,3-Trichloropropane	11.238	75	118115m	55.137	ug/l		
77) Bromobenzene	11.195	156	98515	55.171	ug/l		90
78) n-propylbenzene	11.305	91	401491	49.316	ug/l		99
79) 2-Chlorotoluene	11.366	91	271269	52.141	ug/l		98
80) 1,3,5-Trimethylbenzene	11.451	105	324321	53.177	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.018	75	33814	44.087	ug/l		86
82) 4-Chlorotoluene	11.451	91	309422	51.523	ug/l		98
83) tert-Butylbenzene	11.713	119	311204	53.504	ug/l		96
84) 1,2,4-Trimethylbenzene	11.750	105	330479	53.615	ug/l		97
85) sec-Butylbenzene	11.890	105	360908	53.122	ug/l		99
86) p-Isopropyltoluene	12.006	119	308455	52.740	ug/l		98
87) 1,3-Dichlorobenzene	11.969	146	175862	52.605	ug/l		98
88) 1,4-Dichlorobenzene	12.042	146	179111	51.857	ug/l		99
89) n-Butylbenzene	12.329	91	238752	49.238	ug/l		99
90) Hexachloroethane	12.536	117	58131	59.550	ug/l		96
91) 1,2-Dichlorobenzene	12.335	146	185986	56.814	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	33884	59.225	ug/l		80
93) 1,2,4-Trichlorobenzene	13.585	180	104455	54.533	ug/l		97
94) Hexachlorobutadiene	13.725	225	35386	47.820	ug/l		99
95) Naphthalene	13.774	128	419386	49.984	ug/l		100
96) 1,2,3-Trichlorobenzene	13.963	180	110365	57.995	ug/l		99

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

