

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082523\
 Data File : VX037283.D
 Acq On : 25 Aug 2023 20:24
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 28 01:34:12 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 08/28/2023
 Supervised By :Semsettin Yesilyurt 08/28/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	133937	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	235652	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	221740	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	117872	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	101296	52.459	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 104.920%			
35) Dibromofluoromethane	5.385	113	85906	55.044	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 110.080%			
50) Toluene-d8	8.647	98	306769	54.189	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 108.380%			
62) 4-Bromofluorobenzene	11.079	95	124794	56.094	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 112.180%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	79768	51.270	ug/l	98
3) Chloromethane	1.301	50	75845	55.722	ug/l	99
4) Vinyl Chloride	1.374	62	78525	53.001	ug/l	97
5) Bromomethane	1.599	94	35068	47.518	ug/l	98
6) Chloroethane	1.679	64	41732	47.866	ug/l	95
7) Trichlorofluoromethane	1.880	101	128460	52.930	ug/l	100
8) Diethyl Ether	2.136	74	50407	53.684	ug/l	76
9) 1,1,2-Trichlorotrifluo...	2.325	101	72511	51.214	ug/l	97
10) Methyl Iodide	2.447	142	86701	50.385	ug/l	95
11) Tert butyl alcohol	2.965	59	117055	258.426	ug/l #	92
12) 1,1-Dichloroethene	2.319	96	69508	50.414	ug/l #	80
13) Acrolein	2.233	56	86717	251.658	ug/l	98
14) Allyl chloride	2.660	41	108719	50.945	ug/l #	89
15) Acrylonitrile	3.062	53	225523	278.952	ug/l	99
16) Acetone	2.380	43	186256	246.565	ug/l	91
17) Carbon Disulfide	2.508	76	147679	42.109	ug/l	98
18) Methyl Acetate	2.703	43	150708	52.987	ug/l #	87
19) Methyl tert-butyl Ether	3.111	73	274869	52.566	ug/l	96
20) Methylene Chloride	2.788	84	89855	53.190	ug/l #	85
21) trans-1,2-Dichloroethene	3.087	96	77399	49.383	ug/l	88
22) Diisopropyl ether	3.764	45	232010	52.981	ug/l #	81
23) Vinyl Acetate	3.721	43	871189	259.607	ug/l #	90
24) 1,1-Dichloroethane	3.611	63	146119	53.209	ug/l	97
25) 2-Butanone	4.556	43	298452	262.396	ug/l #	87
26) 2,2-Dichloropropane	4.477	77	102364	41.739	ug/l	95
27) cis-1,2-Dichloroethene	4.489	96	96449	52.199	ug/l	87
28) Bromochloromethane	4.898	49	64680	52.725	ug/l #	73
29) Tetrahydrofuran	5.001	42	188097	259.315	ug/l #	82
30) Chloroform	5.093	83	162066	52.573	ug/l	98
31) Cyclohexane	5.471	56	108632	50.034	ug/l	88
32) 1,1,1-Trichloroethane	5.385	97	143887	52.086	ug/l	96
36) 1,1-Dichloropropene	5.690	75	107341	48.411	ug/l	97
37) Ethyl Acetate	4.715	43	113446	50.087	ug/l #	92
38) Carbon Tetrachloride	5.672	117	122948	51.046	ug/l	97
39) Methylcyclohexane	7.379	83	127448	54.709	ug/l	91
40) Benzene	6.038	78	330340	51.947	ug/l	98

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41) Methacrylonitrile	4.916	41	61858	52.536	ug/l #	88
42) 1,2-Dichloroethane	6.086	62	125428	50.296	ug/l	95
43) Isopropyl Acetate	6.342	43	185159	51.491	ug/l #	91
44) Trichloroethene	7.123	130	88783	49.237	ug/l	96
45) 1,2-Dichloropropane	7.434	63	83409	53.195	ug/l	97
46) Dibromomethane	7.580	93	63878	51.714	ug/l	94
47) Bromodichloromethane	7.824	83	125832	53.185	ug/l	97
48) Methyl methacrylate	7.690	41	90601	51.664	ug/l #	84
49) 1,4-Dioxane	7.659	88	53971	1142.753	ug/l #	87
51) 4-Methyl-2-Pentanone	8.574	43	589555	270.000	ug/l	89
52) Toluene	8.720	92	218856	52.088	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	130871	51.951	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	139101	51.097	ug/l #	87
55) 1,1,2-Trichloroethane	9.153	97	94231	55.077	ug/l	97
56) Ethyl methacrylate	9.116	69	146262	54.578	ug/l #	84
57) 1,3-Dichloropropane	9.311	76	155674	53.976	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	353820	275.122	ug/l	92
59) 2-Hexanone	9.433	43	458802	275.574	ug/l	87
60) Dibromochloromethane	9.525	129	101245	55.581	ug/l	100
61) 1,2-Dibromoethane	9.610	107	99862	53.311	ug/l	98
64) Tetrachloroethene	9.275	164	72934	45.087	ug/l	99
65) Chlorobenzene	10.080	112	243138	51.880	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	93177	53.869	ug/l	99
67) Ethyl Benzene	10.195	91	427855	51.883	ug/l	99
68) m/p-Xylenes	10.299	106	331974	104.243	ug/l	97
69) o-Xylene	10.640	106	166615	53.029	ug/l	99
70) Styrene	10.653	104	281952	54.477	ug/l	97
71) Bromoform	10.799	173	75139	58.075	ug/l #	100
73) Isopropylbenzene	10.964	105	436362	50.932	ug/l	99
74) N-amyl acetate	10.842	43	168452	50.601	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	11.213	83	155317	53.830	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	127195m	50.669	ug/l	
77) Bromobenzene	11.195	156	106927	51.102	ug/l	91
78) n-propylbenzene	11.305	91	494919	51.878	ug/l	99
79) 2-Chlorotoluene	11.366	91	309458	50.760	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	377345	52.799	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	43041	47.889	ug/l	87
82) 4-Chlorotoluene	11.451	91	355518	50.518	ug/l	98
83) tert-Butylbenzene	11.713	119	380347	55.803	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	380908	52.736	ug/l	98
85) sec-Butylbenzene	11.890	105	461416	57.958	ug/l	98
86) p-Isopropyltoluene	12.006	119	395330	57.683	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	202595	51.716	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	203599	50.304	ug/l	99
89) n-Butylbenzene	12.329	91	329157	57.929	ug/l	99
90) Hexachloroethane	12.536	117	70335	61.487	ug/l	90
91) 1,2-Dichlorobenzene	12.335	146	208787	54.428	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	35719	53.278	ug/l	80
93) 1,2,4-Trichlorobenzene	13.585	180	124565	55.497	ug/l	97
94) Hexachlorobutadiene	13.725	225	52799	60.890	ug/l	99
95) Naphthalene	13.774	128	458229	46.606	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	124952	56.033	ug/l	99

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

