

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083123\
 Data File : VX037430.D
 Acq On : 31 Aug 2023 15:01
 Operator : JC/MD
 Sample : VX0831WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0831WBS01

Quant Time: Sep 01 03:11:44 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 09/01/2023
 Supervised By : Mahesh Dadoda 09/01/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	127315	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	226562	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	210637	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	105998	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	96926	52.807	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 105.620%			
35) Dibromofluoromethane	5.385	113	82874	55.232	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 110.460%			
50) Toluene-d8	8.647	98	286300	52.602	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 105.200%			
62) 4-Bromofluorobenzene	11.079	95	116611	54.518	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 109.040%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	26910	18.196	ug/l	98
3) Chloromethane	1.301	50	28529	22.050	ug/l	98
4) Vinyl Chloride	1.374	62	28016	19.893	ug/l	95
5) Bromomethane	1.599	94	13485	19.223	ug/l	100
6) Chloroethane	1.679	64	19800	23.892	ug/l	98
7) Trichlorofluoromethane	1.880	101	41798	18.118	ug/l	98
8) Diethyl Ether	2.136	74	18675	20.924	ug/l	75
9) 1,1,2-Trichlorotrifluo...	2.325	101	24723	18.370	ug/l	97
10) Methyl Iodide	2.447	142	28886	17.660	ug/l	94
11) Tert butyl alcohol	2.959	59	41754	96.976	ug/l #	94
12) 1,1-Dichloroethene	2.319	96	24707	18.852	ug/l	81
13) Acrolein	2.233	56	23829	72.750	ug/l	98
14) Allyl chloride	2.660	41	38673	19.064	ug/l #	92
15) Acrylonitrile	3.062	53	81002	105.404	ug/l	99
16) Acetone	2.380	43	78099	108.765	ug/l #	88
17) Carbon Disulfide	2.508	76	53223	15.965	ug/l	99
18) Methyl Acetate	2.703	43	54922	20.314	ug/l #	88
19) Methyl tert-butyl Ether	3.111	73	98779	19.873	ug/l	97
20) Methylene Chloride	2.788	84	32574	20.285	ug/l #	85
21) trans-1,2-Dichloroethene	3.087	96	27933	18.749	ug/l	88
22) Diisopropyl ether	3.757	45	84152	20.216	ug/l #	94
23) Vinyl Acetate	3.721	43	309695	97.086	ug/l #	89
24) 1,1-Dichloroethane	3.611	63	51965	19.907	ug/l	97
25) 2-Butanone	4.556	43	110147	101.877	ug/l #	87
26) 2,2-Dichloropropane	4.471	77	42535	18.246	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	35120	19.996	ug/l	89
28) Bromochloromethane	4.897	49	25914	22.223	ug/l #	74
29) Tetrahydrofuran	5.007	42	68150	98.840	ug/l #	81
30) Chloroform	5.093	83	58204	19.863	ug/l	97
31) Cyclohexane	5.471	56	37015	17.935	ug/l #	83
32) 1,1,1-Trichloroethane	5.385	97	49107	18.701	ug/l	96
36) 1,1-Dichloropropene	5.690	75	36585	17.162	ug/l	97
37) Ethyl Acetate	4.721	43	41444	19.032	ug/l #	93
38) Carbon Tetrachloride	5.672	117	40588	17.527	ug/l	90
39) Methylcyclohexane	7.379	83	41898	18.707	ug/l	92
40) Benzene	6.038	78	120152	19.652	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	22236	19.643	ug/l #	87
42) 1,2-Dichloroethane	6.086	62	44930	18.740	ug/l	95
43) Isopropyl Acetate	6.342	43	65350	18.903	ug/l #	91
44) Trichloroethene	7.123	130	31329	18.071	ug/l	93
45) 1,2-Dichloropropane	7.434	63	30353	20.135	ug/l	96
46) Dibromomethane	7.580	93	22978	19.349	ug/l	93
47) Bromodichloromethane	7.824	83	42013	18.470	ug/l	96
48) Methyl methacrylate	7.696	41	31636	18.764	ug/l #	82
49) 1,4-Dioxane	7.659	88	19015	418.767	ug/l #	87
51) 4-Methyl-2-Pentanone	8.574	43	212835	101.383	ug/l	91
52) Toluene	8.720	92	78341	19.393	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	43385	17.913	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	48578	18.560	ug/l #	85
55) 1,1,2-Trichloroethane	9.153	97	34001	20.671	ug/l	95
56) Ethyl methacrylate	9.116	69	50964	19.780	ug/l #	83
57) 1,3-Dichloropropane	9.305	76	55296	19.942	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.244	63	129749	104.937	ug/l	93
59) 2-Hexanone	9.427	43	163161	101.933	ug/l	86
60) Dibromochloromethane	9.519	129	34051	19.443	ug/l	98
61) 1,2-Dibromoethane	9.610	107	35516	19.721	ug/l	98
64) Tetrachloroethene	9.275	164	24645	16.038	ug/l	97
65) Chlorobenzene	10.079	112	85991	19.316	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	32084	19.527	ug/l	100
67) Ethyl Benzene	10.195	91	147508	18.830	ug/l	98
68) m/p-Xylenes	10.299	106	115361	38.134	ug/l	99
69) o-Xylene	10.640	106	59167	19.824	ug/l	97
70) Styrene	10.653	104	95534	19.432	ug/l	98
71) Bromoform	10.799	173	23190	18.868	ug/l #	99
73) Isopropylbenzene	10.963	105	149123	19.355	ug/l	98
74) N-amyl acetate	10.842	43	55477	18.531	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	11.213	83	54678	21.073	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	44902m	19.891	ug/l	
77) Bromobenzene	11.195	156	36417	19.354	ug/l	92
78) n-propylbenzene	11.305	91	163317	19.037	ug/l	99
79) 2-Chlorotoluene	11.366	91	107068	19.530	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	128352	19.971	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	13158	16.280	ug/l	96
82) 4-Chlorotoluene	11.451	91	119770	18.926	ug/l	98
83) tert-Butylbenzene	11.713	119	125890	20.539	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	129333	19.912	ug/l	97
85) sec-Butylbenzene	11.890	105	149261	20.849	ug/l	99
86) p-Isopropyltoluene	12.006	119	127384	20.669	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	67368	19.123	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	68903	18.931	ug/l	100
89) n-Butylbenzene	12.329	91	101286	19.823	ug/l	98
90) Hexachloroethane	12.536	117	21200	20.609	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	69947	20.277	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	11972	19.858	ug/l	83
93) 1,2,4-Trichlorobenzene	13.585	180	39919	19.777	ug/l	99
94) Hexachlorobutadiene	13.725	225	17039	21.851	ug/l	99
95) Naphthalene	13.774	128	152024	17.194	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	42001	20.945	ug/l	99

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

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