

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090823\
 Data File : VX037604.D
 Acq On : 08 Sep 2023 16:03
 Operator : JC/MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Quant Time: Sep 09 04:06:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090823W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 09 03:56:07 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 09/09/2023
 Supervised By : Mahesh Dadoda 09/11/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	160820	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	269994	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	257650	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	129929	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	10938	5.039	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	10.080%#		
35) Dibromofluoromethane	5.385	113	9480	5.020	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	10.040%#		
50) Toluene-d8	8.647	98	35410	5.112	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	10.220%#		
62) 4-Bromofluorobenzene	11.079	95	13327	5.105	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	10.220%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	7966	4.881	ug/l	94
3) Chloromethane	1.307	50	8791	4.811	ug/l	98
4) Vinyl Chloride	1.374	62	8861	4.708	ug/l	91
5) Bromomethane	1.599	94	4164	4.993	ug/l	92
6) Chloroethane	1.678	64	4630m	4.592	ug/l	
7) Trichlorofluoromethane	1.880	101	13220	5.168	ug/l	92
8) Diethyl Ether	2.136	74	5518	4.853	ug/l	75
9) 1,1,2-Trichlorotrifluo...	2.319	101	8744	5.111	ug/l	96
10) Methyl Iodide	2.447	142	10059	4.533	ug/l	91
11) Tert butyl alcohol	2.965	59	12109	24.927	ug/l	96
12) 1,1-Dichloroethene	2.312	96	8289	4.800	ug/l #	79
13) Acrolein	2.233	56	10891	22.804	ug/l	98
14) Allyl chloride	2.660	41	11644	4.808	ug/l #	87
15) Acrylonitrile	3.062	53	24609	23.236	ug/l	99
16) Acetone	2.380	43	22007	24.651	ug/l #	89
17) Carbon Disulfide	2.508	76	20027	4.630	ug/l	97
18) Methyl Acetate	2.703	43	17276	4.770	ug/l #	87
19) Methyl tert-butyl Ether	3.111	73	29105	4.754	ug/l	99
20) Methylene Chloride	2.782	84	11441	4.664	ug/l #	83
21) trans-1,2-Dichloroethene	3.087	96	9142	4.739	ug/l	83
22) Diisopropyl ether	3.757	45	24501	4.778	ug/l #	96
23) Vinyl Acetate	3.721	43	84628	23.117	ug/l #	90
24) 1,1-Dichloroethane	3.605	63	15881	4.752	ug/l	95
25) 2-Butanone	4.556	43	32580	24.063	ug/l #	89
26) 2,2-Dichloropropane	4.471	77	11750	4.769	ug/l	95
27) cis-1,2-Dichloroethene	4.489	96	11133	4.843	ug/l	84
28) Bromochloromethane	4.903	49	7039	4.826	ug/l #	70
29) Tetrahydrofuran	5.013	42	20378	23.494	ug/l #	82
30) Chloroform	5.092	83	16963	4.731	ug/l	99
31) Cyclohexane	5.470	56	12893	4.881	ug/l	93
32) 1,1,1-Trichloroethane	5.379	97	14278	4.623	ug/l	95
36) 1,1-Dichloropropene	5.690	75	12567	5.037	ug/l	96
37) Ethyl Acetate	4.721	43	12247	4.788	ug/l #	90
38) Carbon Tetrachloride	5.672	117	12077	4.684	ug/l	93
39) Methylcyclohexane	7.379	83	15286	5.025	ug/l	90
40) Benzene	6.031	78	38415	5.004	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	6355	4.877	ug/l #	84
42) 1,2-Dichloroethane	6.086	62	12846	4.998	ug/l	90
43) Isopropyl Acetate	6.342	43	18325	4.783	ug/l #	91
44) Trichloroethene	7.123	130	10390	4.928	ug/l	90
45) 1,2-Dichloropropane	7.427	63	9297	4.945	ug/l	98
46) Dibromomethane	7.580	93	7043	4.992	ug/l	93
47) Bromodichloromethane	7.818	83	11934	4.629	ug/l	99
48) Methyl methacrylate	7.696	41	8659	4.722	ug/l #	78
49) 1,4-Dioxane	7.671	88	5542	96.326	ug/l #	84
51) 4-Methyl-2-Pentanone	8.574	43	61431	25.211	ug/l	90
52) Toluene	8.720	92	24960	5.006	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	11888	4.441	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	13837	4.646	ug/l #	80
55) 1,1,2-Trichloroethane	9.153	97	10353	4.994	ug/l	91
56) Ethyl methacrylate	9.116	69	13969	4.625	ug/l #	80
57) 1,3-Dichloropropane	9.305	76	17278	5.001	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.238	63	37155	24.313	ug/l	91
59) 2-Hexanone	9.433	43	46459	24.999	ug/l	87
60) Dibromochloromethane	9.518	129	9222	4.468	ug/l	98
61) 1,2-Dibromoethane	9.610	107	10983	4.947	ug/l	98
64) Tetrachloroethene	9.275	164	8772	4.862	ug/l	98
65) Chlorobenzene	10.079	112	27951	4.938	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	9383	4.677	ug/l	98
67) Ethyl Benzene	10.195	91	46649	4.848	ug/l	97
68) m/p-Xylenes	10.299	106	37008	9.777	ug/l	95
69) o-Xylene	10.640	106	17910	4.759	ug/l	99
70) Styrene	10.652	104	29632	4.843	ug/l	96
71) Bromoform	10.799	173	6242	4.321	ug/l #	96
73) Isopropylbenzene	10.963	105	46746	4.790	ug/l	100
74) N-amyl acetate	10.841	43	15096	4.487	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	11.213	83	16241	4.789	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	14322m	4.699	ug/l	
77) Bromobenzene	11.195	156	11432	4.732	ug/l	90
78) n-propylbenzene	11.305	91	52685	4.854	ug/l	99
79) 2-Chlorotoluene	11.366	91	33367	4.838	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	39981	4.830	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	3244	5.426	ug/l	99
82) 4-Chlorotoluene	11.457	91	37682	4.846	ug/l	97
83) tert-Butylbenzene	11.713	119	38455	4.608	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	39719	4.799	ug/l	97
85) sec-Butylbenzene	11.890	105	49896	4.959	ug/l	100
86) p-Isopropyltoluene	12.006	119	42278	4.962	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	22621	4.922	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	23337	4.991	ug/l	97
89) n-Butylbenzene	12.335	91	34553	4.935	ug/l	99
90) Hexachloroethane	12.536	117	6255	4.320	ug/l	92
91) 1,2-Dichlorobenzene	12.335	146	22193	4.847	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	3030	4.196	ug/l	79
93) 1,2,4-Trichlorobenzene	13.591	180	13096	4.729	ug/l	98
94) Hexachlorobutadiene	13.725	225	6238	5.103	ug/l	98
95) Naphthalene	13.774	128	42794	4.424	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	13431	4.695	ug/l	99

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

