

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101722\
 Data File : VX032157.D
 Acq On : 17 Oct 2022 14:45
 Operator : JC/MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Quant Time: Oct 18 03:57:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101722W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 18 03:50:38 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 10/18/2022
 Supervised By : Mahesh Dadoda 10/18/2022

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	137329	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	227607	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	159054	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	99024	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	10574	4.834	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	9.660%#		
35) Dibromofluoromethane	5.385	113	7613	4.902	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	9.800%#		
50) Toluene-d8	8.647	98	26961	4.949	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	9.900%#		
62) 4-Bromofluorobenzene	11.079	95	10115	4.877	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	9.760%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	6809	4.503	ug/l	98
3) Chloromethane	1.288	50	7012	4.803	ug/l	97
4) Vinyl Chloride	1.374	62	7997	4.916	ug/l	98
5) Bromomethane	1.611	94	6449	5.355	ug/l	99
6) Chloroethane	1.685	64	6302	5.218	ug/l	98
7) Trichlorofluoromethane	1.886	101	12525	4.934	ug/l	96
8) Diethyl Ether	2.130	74	4299	5.123	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.325	101	6135	5.114	ug/l	94
10) Methyl Iodide	2.453	142	5974	4.107	ug/l	97
11) Tert butyl alcohol	2.947	59	9976m	33.162	ug/l	
12) 1,1-Dichloroethene	2.319	96	5444	4.857	ug/l #	81
13) Acrolein	2.239	56	6244	24.659	ug/l	96
14) Allyl chloride	2.660	41	10091	5.094	ug/l	93
15) Acrylonitrile	3.062	53	18380	25.452	ug/l	99
16) Acetone	2.392	43	15560	29.587	ug/l	99
17) Carbon Disulfide	2.508	76	15492	5.508	ug/l	99
18) Methyl Acetate	2.703	43	10498	4.902	ug/l	94
19) Methyl tert-butyl Ether	3.111	73	23200	4.987	ug/l	93
20) Methylene Chloride	2.788	84	8148	5.039	ug/l	95
21) trans-1,2-Dichloroethene	3.087	96	7668	5.049	ug/l	97
22) Diisopropyl ether	3.757	45	23178	4.710	ug/l #	93
23) Vinyl Acetate	3.721	43	86987	22.628	ug/l	99
24) 1,1-Dichloroethane	3.605	63	13425	4.681	ug/l	99
25) 2-Butanone	4.568	43	27526	24.496	ug/l	99
26) 2,2-Dichloropropane	4.465	77	10371	4.594	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	8976	4.914	ug/l	94
28) Bromochloromethane	4.904	49	5779	4.931	ug/l #	93
29) Tetrahydrofuran	5.013	42	16286	24.165	ug/l	99
30) Chloroform	5.093	83	15163	4.831	ug/l	92
31) Cyclohexane	5.471	56	12044	4.941	ug/l	98
32) 1,1,1-Trichloroethane	5.373	97	12546	4.985	ug/l	98
36) 1,1-Dichloropropene	5.690	75	11047	4.917	ug/l	99
37) Ethyl Acetate	4.715	43	9982	4.427	ug/l	96
38) Carbon Tetrachloride	5.666	117	11427	4.802	ug/l	96
39) Methylcyclohexane	7.379	83	13205	4.897	ug/l	98
40) Benzene	6.037	78	30995	4.932	ug/l	97

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	5381	4.628	ug/l	97
42) 1,2-Dichloroethane	6.086	62	12770	4.851	ug/l	97
43) Isopropyl Acetate	6.336	43	15383	4.527	ug/l	99
44) Trichloroethene	7.123	130	8809	4.975	ug/l	89
45) 1,2-Dichloropropane	7.434	63	7131	4.554	ug/l	98
46) Dibromomethane	7.580	93	6036	5.018	ug/l	98
47) Bromodichloromethane	7.818	83	10135	4.523	ug/l	100
48) Methyl methacrylate	7.696	41	7933	4.607	ug/l	97
49) 1,4-Dioxane	7.696	88	3486	98.735	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	50229	24.108	ug/l	100
52) Toluene	8.720	92	20182	5.040	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	7262	3.633	ug/l	94
54) cis-1,3-Dichloropropene	8.366	75	10432	4.445	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	6044	3.976	ug/l	97
56) Ethyl methacrylate	9.116	69	7692	3.543	ug/l	97
57) 1,3-Dichloropropane	9.311	76	10054	3.773	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.244	63	28023	26.056	ug/l	97
59) 2-Hexanone	9.433	43	28288	18.327	ug/l	98
60) Dibromochloromethane	9.519	129	5219	3.319	ug/l	98
61) 1,2-Dibromoethane	9.610	107	6450	3.929	ug/l	97
64) Tetrachloroethene	9.275	164	6309	4.773	ug/l	96
65) Chlorobenzene	10.079	112	17004	4.865	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	5378	4.441	ug/l	95
67) Ethyl Benzene	10.195	91	29094	4.737	ug/l	98
68) m/p-Xylenes	10.305	106	23205	9.852	ug/l	99
69) o-Xylene	10.640	106	11115	4.796	ug/l	91
70) Styrene	10.659	104	18361	4.902	ug/l	97
71) Bromoform	10.799	173	4432	5.203	ug/l #	95
73) Isopropylbenzene	10.963	105	37650	5.028	ug/l	98
74) N-amyl acetate	10.848	43	12758	4.867	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	11385	4.743	ug/l	97
76) 1,2,3-Trichloropropane	11.238	75	9387m	4.294	ug/l	
77) Bromobenzene	11.195	156	8544	4.688	ug/l	93
78) n-propylbenzene	11.305	91	43412	4.839	ug/l	97
79) 2-Chlorotoluene	11.366	91	27570	4.974	ug/l	93
80) 1,3,5-Trimethylbenzene	11.451	105	32157	4.866	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	2275	4.079	ug/l #	73
82) 4-Chlorotoluene	11.457	91	31454	4.870	ug/l	96
83) tert-Butylbenzene	11.713	119	29765	4.578	ug/l	92
84) 1,2,4-Trimethylbenzene	11.750	105	31269	4.702	ug/l	99
85) sec-Butylbenzene	11.890	105	39297	4.830	ug/l	98
86) p-Isopropyltoluene	12.012	119	33132	4.892	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	17213	4.887	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	17826	5.015	ug/l	94
89) n-Butylbenzene	12.335	91	27796	4.978	ug/l	99
90) Hexachloroethane	12.536	117	4390	4.671	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	16946	5.035	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	2232	5.219	ug/l	91
93) 1,2,4-Trichlorobenzene	13.591	180	10016	5.358	ug/l	100
94) Hexachlorobutadiene	13.725	225	4368	5.575	ug/l	95
95) Naphthalene	13.780	128	33106	5.299	ug/l	98
96) 1,2,3-Trichlorobenzene	13.963	180	9955	5.319	ug/l	100

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

