

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011024\
 Data File : VX039695.D
 Acq On : 10 Jan 2024 11:13
 Operator : JC/MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/11/2024
 Supervised By : Mahesh Dadoda 01/11/2024

Quant Time: Jan 11 03:31:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 11 03:21:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	100747	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	185418	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	167794	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	74804	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	9837	5.829	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	11.660%#		
35) Dibromofluoromethane	5.391	113	7006	5.610	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	11.220%#		
50) Toluene-d8	8.647	98	26939	5.719	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	11.440%#		
62) 4-Bromofluorobenzene	11.079	95	10187	5.531	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	11.060%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	6352	4.873	ug/l	94
3) Chloromethane	1.294	50	7771	5.220	ug/l	94
4) Vinyl Chloride	1.374	62	7371	5.247	ug/l	98
5) Bromomethane	1.599	94	4530	5.651	ug/l	91
6) Chloroethane	1.679	64	4631	5.810	ug/l	97
7) Trichlorofluoromethane	1.886	101	10768	5.313	ug/l	96
8) Diethyl Ether	2.136	74	4010	5.354	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.325	101	7040	5.603	ug/l	97
10) Methyl Iodide	2.453	142	5364	4.047	ug/l	95
11) Tert butyl alcohol	2.959	59	12645	28.784	ug/l	97
12) 1,1-Dichloroethene	2.319	96	6180	5.097	ug/l	97
13) Acrolein	2.233	56	10457	24.955	ug/l	99
14) Allyl chloride	2.660	41	12360	5.179	ug/l	100
15) Acrylonitrile	3.062	53	25153	27.718	ug/l	99
16) Acetone	2.380	43	27187	28.644	ug/l	94
17) Carbon Disulfide	2.508	76	17335	4.974	ug/l	100
18) Methyl Acetate	2.703	43	10634	5.355	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	22929	5.326	ug/l	97
20) Methylene Chloride	2.788	84	7721	5.378	ug/l	98
21) trans-1,2-Dichloroethene	3.087	96	6751	5.291	ug/l	89
22) Diisopropyl ether	3.757	45	24766	5.438	ug/l #	83
23) Vinyl Acetate	3.721	43	111102	26.243	ug/l	99
24) 1,1-Dichloroethane	3.611	63	13438	5.363	ug/l	96
25) 2-Butanone	4.562	43	38541	28.257	ug/l	99
26) 2,2-Dichloropropane	4.471	77	10595	5.269	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	7687	5.252	ug/l	97
28) Bromochloromethane	4.897	49	6496	5.720	ug/l	92
29) Tetrahydrofuran	5.001	42	24058	27.404	ug/l	98
30) Chloroform	5.093	83	13086	5.291	ug/l	87
31) Cyclohexane	5.471	56	11576	5.197	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	10593	5.002	ug/l	96
36) 1,1-Dichloropropene	5.696	75	10449	5.375	ug/l	96
37) Ethyl Acetate	4.721	43	13501	5.206	ug/l	99
38) Carbon Tetrachloride	5.678	117	8785	4.934	ug/l	97
39) Methylcyclohexane	7.379	83	12126	5.195	ug/l	97
40) Benzene	6.038	78	29072	5.282	ug/l	98

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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	6512	5.135	ug/l #	91
42) 1,2-Dichloroethane	6.086	62	10934	5.225	ug/l	100
43) Isopropyl Acetate	6.336	43	19816	5.209	ug/l	98
44) Trichloroethene	7.129	130	7140	5.293	ug/l	100
45) 1,2-Dichloropropane	7.428	63	8112	5.494	ug/l	95
46) Dibromomethane	7.580	93	5385	5.280	ug/l	95
47) Bromodichloromethane	7.818	83	9143	4.840	ug/l	91
48) Methyl methacrylate	7.696	41	9466	5.062	ug/l	99
49) 1,4-Dioxane	7.659	88	3877	107.150	ug/l #	94
51) 4-Methyl-2-Pentanone	8.574	43	70071	26.744	ug/l	97
52) Toluene	8.720	92	17599	5.353	ug/l	96
53) t-1,3-Dichloropropene	8.982	75	9772	4.875	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	10352	4.697	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	7281	5.201	ug/l	90
56) Ethyl methacrylate	9.116	69	11265	4.972	ug/l	95
57) 1,3-Dichloropropane	9.311	76	12817	5.403	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.238	63	27584	25.759	ug/l	95
59) 2-Hexanone	9.427	43	54721	26.389	ug/l	99
60) Dibromochloromethane	9.519	129	6277	4.755	ug/l	98
61) 1,2-Dibromoethane	9.610	107	7620	5.257	ug/l	98
64) Tetrachloroethene	9.275	164	5745	5.265	ug/l	96
65) Chlorobenzene	10.079	112	17979	5.145	ug/l	94
66) 1,1,1,2-Tetrachloroethane	10.159	131	5860	4.924	ug/l	94
67) Ethyl Benzene	10.195	91	33515	5.165	ug/l	99
68) m/p-Xylenes	10.299	106	25038	10.493	ug/l	98
69) o-Xylene	10.640	106	12225	5.173	ug/l	94
70) Styrene	10.659	104	19581	5.073	ug/l	97
71) Bromoform	10.799	173	3939	4.408	ug/l #	95
73) Isopropylbenzene	10.963	105	31935	5.362	ug/l	99
74) N-amyl acetate	10.842	43	14817	4.773	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	12693	5.581	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	10119m	5.218	ug/l	
77) Bromobenzene	11.195	156	7017	5.292	ug/l	93
78) n-propylbenzene	11.305	91	36817	5.108	ug/l	97
79) 2-Chlorotoluene	11.366	91	24072	5.403	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	26759	5.290	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	2404	5.161	ug/l	88
82) 4-Chlorotoluene	11.457	91	26979	5.339	ug/l	100
83) tert-Butylbenzene	11.713	119	25121	5.202	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	26398	5.231	ug/l	100
85) sec-Butylbenzene	11.890	105	32840	5.239	ug/l	98
86) p-Isopropyltoluene	12.006	119	25456	5.081	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	13687	5.385	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	14236	5.423	ug/l	94
89) n-Butylbenzene	12.335	91	23361	4.828	ug/l	96
90) Hexachloroethane	12.536	117	3722	4.404	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	13821	5.500	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	2706	4.856	ug/l	91
93) 1,2,4-Trichlorobenzene	13.591	180	7656	4.985	ug/l	94
94) Hexachlorobutadiene	13.725	225	3255	5.099	ug/l	96
95) Naphthalene	13.774	128	28005	4.954	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	7851	5.065	ug/l	98

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

