

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010924\
 Data File : VX039681.D
 Acq On : 09 Jan 2024 16:07
 Operator : JC/MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/10/2024
 Supervised By : Mahesh Dadoda 01/10/2024

Quant Time: Jan 10 07:17:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X010924W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 10 07:08:34 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	107441	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	196724	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	168244	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	72081	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	9921	5.527	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	11.060%#		
35) Dibromofluoromethane	5.379	113	6569	5.110	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	10.220%#		
50) Toluene-d8	8.647	98	26050	5.349	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	10.700%#		
62) 4-Bromofluorobenzene	11.079	95	8727	4.786	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	9.580%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	6677	4.624	ug/l	96
3) Chloromethane	1.294	50	7759	4.816	ug/l	90
4) Vinyl Chloride	1.374	62	7535	4.932	ug/l	94
5) Bromomethane	1.599	94	3590	4.905	ug/l	98
6) Chloroethane	1.666	64	3838m	5.241	ug/l	
7) Trichlorofluoromethane	1.873	101	11318	5.040	ug/l	89
8) Diethyl Ether	2.136	74	4343	5.330	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.319	101	7107	5.327	ug/l	96
10) Methyl Iodide	2.447	142	6464	4.300	ug/l	89
11) Tert butyl alcohol	3.001	59	13408	28.377	ug/l	98
12) 1,1-Dichloroethene	2.312	96	6770	5.121	ug/l	92
13) Acrolein	2.233	56	9978	31.110	ug/l	99
14) Allyl chloride	2.660	41	12483	4.836	ug/l	99
15) Acrylonitrile	3.068	53	24587	25.386	ug/l	99
16) Acetone	2.386	43	26271	27.120	ug/l #	86
17) Carbon Disulfide	2.508	76	16903	4.432	ug/l	99
18) Methyl Acetate	2.703	43	10592	4.968	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	23751	5.110	ug/l	98
20) Methylene Chloride	2.788	84	8442	5.248	ug/l #	88
21) trans-1,2-Dichloroethene	3.087	96	6787	4.928	ug/l	94
22) Diisopropyl ether	3.763	45	25599	5.219	ug/l	97
23) Vinyl Acetate	3.721	43	113394	24.950	ug/l	99
24) 1,1-Dichloroethane	3.605	63	14122	5.211	ug/l	97
25) 2-Butanone	4.562	43	36941	26.086	ug/l	92
26) 2,2-Dichloropropane	4.477	77	10588	4.953	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	8107	5.119	ug/l	96
28) Bromochloromethane	4.897	49	6473	5.215	ug/l #	95
29) Tetrahydrofuran	5.007	42	23978	25.967	ug/l	98
30) Chloroform	5.086	83	13167	4.975	ug/l	100
31) Cyclohexane	5.470	56	12105	4.958	ug/l	95
32) 1,1,1-Trichloroethane	5.379	97	11010	4.892	ug/l	97
36) 1,1-Dichloropropene	5.696	75	9404	4.677	ug/l	98
37) Ethyl Acetate	4.727	43	12813	4.881	ug/l	98
38) Carbon Tetrachloride	5.678	117	8767	4.630	ug/l	88
39) Methylcyclohexane	7.372	83	12406	5.117	ug/l	93
40) Benzene	6.037	78	29539	5.089	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	4.934	41	6539	4.926	ug/l #	93
42) 1,2-Dichloroethane	6.086	62	11661	5.193	ug/l	98
43) Isopropyl Acetate	6.342	43	20132	5.012	ug/l	98
44) Trichloroethene	7.123	130	6995	5.015	ug/l	100
45) 1,2-Dichloropropane	7.433	63	8087	5.108	ug/l	100
46) Dibromomethane	7.586	93	5205	4.959	ug/l	96
47) Bromodichloromethane	7.824	83	9191	4.750	ug/l	99
48) Methyl methacrylate	7.696	41	9396	4.944	ug/l	94
49) 1,4-Dioxane	7.671	88	3939	101.884	ug/l #	93
51) 4-Methyl-2-Pentanone	8.573	43	69098	25.842	ug/l	98
52) Toluene	8.720	92	17523	5.007	ug/l	92
53) t-1,3-Dichloropropene	8.982	75	8878	4.211	ug/l	89
54) cis-1,3-Dichloropropene	8.372	75	10522	4.598	ug/l	91
55) 1,1,2-Trichloroethane	9.153	97	7397	5.058	ug/l	98
56) Ethyl methacrylate	9.122	69	10593	4.495	ug/l #	90
57) 1,3-Dichloropropane	9.311	76	12797	5.157	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	28850	25.977	ug/l	93
59) 2-Hexanone	9.433	43	54557	25.586	ug/l	99
60) Dibromochloromethane	9.525	129	5683	4.286	ug/l	99
61) 1,2-Dibromoethane	9.610	107	7553	5.001	ug/l	100
64) Tetrachloroethene	9.275	164	5722	5.386	ug/l	92
65) Chlorobenzene	10.079	112	18260	5.228	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	6162	5.038	ug/l	93
67) Ethyl Benzene	10.195	91	32340	4.996	ug/l	98
68) m/p-Xylenes	10.305	106	24304	10.189	ug/l	99
69) o-Xylene	10.640	106	12094	5.109	ug/l	94
70) Styrene	10.659	104	18165	4.807	ug/l	96
71) Bromoform	10.799	173	3654	4.143	ug/l #	96
73) Isopropylbenzene	10.963	105	31014	5.189	ug/l	99
74) N-amyl acetate	10.841	43	14947	4.695	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	12328	5.324	ug/l	97
76) 1,2,3-Trichloropropane	11.238	75	9961m	5.119	ug/l	
77) Bromobenzene	11.201	156	6765	5.038	ug/l	95
78) n-propylbenzene	11.305	91	35257	4.996	ug/l	97
79) 2-Chlorotoluene	11.366	91	22903	5.181	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	25876	5.070	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	2304	3.634	ug/l	91
82) 4-Chlorotoluene	11.457	91	25161	5.023	ug/l	96
83) tert-Butylbenzene	11.713	119	25099	5.102	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	26277	5.165	ug/l	98
85) sec-Butylbenzene	11.890	105	30705	5.007	ug/l	99
86) p-Isopropyltoluene	12.012	119	24126	4.946	ug/l	95
87) 1,3-Dichlorobenzene	11.969	146	12259	4.835	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	12322	4.874	ug/l	89
89) n-Butylbenzene	12.335	91	19782	4.404	ug/l	97
90) Hexachloroethane	12.536	117	3679	4.327	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	12580	4.971	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	2414	4.497	ug/l	93
93) 1,2,4-Trichlorobenzene	13.591	180	6560	4.551	ug/l	96
94) Hexachlorobutadiene	13.725	225	3174	5.300	ug/l	94
95) Naphthalene	13.774	128	26053	4.533	ug/l	98
96) 1,2,3-Trichlorobenzene	13.963	180	7033	4.772	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

