

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032923\
 Data File : VX034818.D
 Acq On : 29 Mar 2023 10:00
 Operator : JC/MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 04/01/2023
 Supervised By :Mahesh Dadoda 04/03/2023

Quant Time: Apr 01 01:08:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 01 01:03:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	294209	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	502924	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	443356	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	204968	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	22855	5.079	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	10.160%#		
35) Dibromofluoromethane	5.385	113	17020	5.117	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	10.240%#		
50) Toluene-d8	8.647	98	62662	5.104	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	10.200%#		
62) 4-Bromofluorobenzene	11.079	95	22211	4.675	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	9.340%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	15625	5.428	ug/l	99
3) Chloromethane	1.294	50	20910	5.689	ug/l	99
4) Vinyl Chloride	1.374	62	20107	5.555	ug/l	94
5) Bromomethane	1.617	94	14024	5.933	ug/l	91
6) Chloroethane	1.691	64	13478	5.605	ug/l	96
7) Trichlorofluoromethane	1.886	101	32833	5.618	ug/l	95
8) Diethyl Ether	2.130	74	11646	5.598	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.331	101	16893	5.477	ug/l	98
10) Methyl Iodide	2.453	142	17489	4.594	ug/l	94
11) Tert butyl alcohol	3.007	59	20754m	26.403	ug/l	
12) 1,1-Dichloroethene	2.319	96	16415	5.532	ug/l	81
13) Acrolein	2.239	56	23171	28.512	ug/l	100
14) Allyl chloride	2.666	41	29920	5.093	ug/l	94
15) Acrylonitrile	3.068	53	48201	27.451	ug/l	98
16) Acetone	2.392	43	46796	25.700	ug/l	94
17) Carbon Disulfide	2.514	76	38282	5.012	ug/l	97
18) Methyl Acetate	2.703	43	35064	5.452	ug/l	96
19) Methyl tert-butyl Ether	3.111	73	59827	5.375	ug/l	100
20) Methylene Chloride	2.788	84	20141	5.527	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	18211	5.464	ug/l	93
22) Diisopropyl ether	3.757	45	64158	5.425	ug/l	92
23) Vinyl Acetate	3.721	43	219516	26.024	ug/l	97
24) 1,1-Dichloroethane	3.605	63	34763	5.443	ug/l	97
25) 2-Butanone	4.568	43	71027	26.880	ug/l	99
26) 2,2-Dichloropropane	4.471	77	25566	4.897	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	21385	5.562	ug/l	98
28) Bromochloromethane	4.903	49	15804	5.026	ug/l	99
29) Tetrahydrofuran	5.013	42	45337	27.421	ug/l	99
30) Chloroform	5.092	83	33955	5.278	ug/l	95
31) Cyclohexane	5.477	56	30303	5.531	ug/l	95
32) 1,1,1-Trichloroethane	5.385	97	27639	5.036	ug/l	97
36) 1,1-Dichloropropene	5.696	75	25912	5.275	ug/l	99
37) Ethyl Acetate	4.714	43	25813	5.001	ug/l #	93
38) Carbon Tetrachloride	5.678	117	22071	4.731	ug/l	96
39) Methylcyclohexane	7.379	83	27597	5.286	ug/l	98
40) Benzene	6.037	78	77108	5.449	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	14488	5.081	ug/l	99
42) 1,2-Dichloroethane	6.086	62	29748	5.379	ug/l	99
43) Isopropyl Acetate	6.342	43	43441	5.033	ug/l	100
44) Trichloroethene	7.129	130	19205	5.323	ug/l	99
45) 1,2-Dichloropropane	7.433	63	18689	5.143	ug/l	99
46) Dibromomethane	7.580	93	13053	5.240	ug/l	95
47) Bromodichloromethane	7.824	83	22189	4.798	ug/l	99
48) Methyl methacrylate	7.696	41	20772	4.975	ug/l	96
49) 1,4-Dioxane	7.714	88	8951	105.172	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	137194	27.055	ug/l	98
52) Toluene	8.720	92	48328	5.318	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	21929	4.351	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	25811	4.661	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	18734	5.434	ug/l	97
56) Ethyl methacrylate	9.116	69	26802	4.968	ug/l	96
57) 1,3-Dichloropropane	9.311	76	32606	5.308	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	70548	25.441	ug/l	100
59) 2-Hexanone	9.433	43	102069	26.554	ug/l	99
60) Dibromochloromethane	9.518	129	14988	4.508	ug/l	98
61) 1,2-Dibromoethane	9.610	107	18912	5.274	ug/l	97
64) Tetrachloroethene	9.275	164	17527	5.537	ug/l	93
65) Chlorobenzene	10.079	112	49186	5.391	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	15394	4.811	ug/l	98
67) Ethyl Benzene	10.195	91	88958	5.341	ug/l	97
68) m/p-Xylenes	10.299	106	67946	10.781	ug/l	100
69) o-Xylene	10.640	106	32488	5.189	ug/l	97
70) Styrene	10.659	104	49802	4.987	ug/l	99
71) Bromoform	10.799	173	8572	4.014	ug/l #	100
73) Isopropylbenzene	10.963	105	81224	5.479	ug/l	99
74) N-amyl acetate	10.841	43	34224	5.029	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	27189	5.565	ug/l	97
76) 1,2,3-Trichloropropane	11.238	75	21758m	5.184	ug/l	
77) Bromobenzene	11.201	156	19605	5.409	ug/l	97
78) n-propylbenzene	11.305	91	92853	5.425	ug/l	99
79) 2-Chlorotoluene	11.366	91	60119	5.474	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	68671	5.497	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	5083	3.689	ug/l #	69
82) 4-Chlorotoluene	11.451	91	68421	5.423	ug/l	98
83) tert-Butylbenzene	11.713	119	62178	5.366	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	68647	5.457	ug/l	100
85) sec-Butylbenzene	11.890	105	77245	5.390	ug/l	100
86) p-Isopropyltoluene	12.012	119	63230	5.313	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	35758	5.275	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	37832	5.399	ug/l	94
89) n-Butylbenzene	12.335	91	52151	5.027	ug/l	99
90) Hexachloroethane	12.536	117	7728	4.200	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	36663	5.468	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	4339	4.320	ug/l	97
93) 1,2,4-Trichlorobenzene	13.591	180	19461	5.022	ug/l	98
94) Hexachlorobutadiene	13.725	225	9162	5.280	ug/l	92
95) Naphthalene	13.774	128	68510	5.026	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	19625	5.065	ug/l	99

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

