

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052423\
 Data File : VX035828.D
 Acq On : 24 May 2023 12:02
 Operator : JC/MD
 Sample : VX0524MBS01
 Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0524MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/25/2023
 Supervised By : Mahesh Dadoda 05/25/2023

Quant Time: May 25 05:28:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 11 13:57:54 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	204189	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	344561	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	298617	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	148687	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	150764	42.324	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	84.640%		
35) Dibromofluoromethane	5.379	113	117716	50.659	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.320%		
50) Toluene-d8	8.647	98	423549	49.340	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.680%		
62) 4-Bromofluorobenzene	11.079	95	159768	46.223	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	92.440%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	45834	17.224	ug/l	99
3) Chloromethane	1.294	50	48439	14.999	ug/l	99
4) Vinyl Chloride	1.374	62	47338	17.273	ug/l	98
5) Bromomethane	1.617	94	29195	19.669	ug/l	97
6) Chloroethane	1.691	64	29660	17.839	ug/l	97
7) Trichlorofluoromethane	1.886	101	77681	19.277	ug/l	97
8) Diethyl Ether	2.130	74	27169	17.511	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.331	101	45450	18.996	ug/l	98
10) Methyl Iodide	2.453	142	43840	20.488	ug/l	98
11) Tert butyl alcohol	3.087	59	51542	82.013	ug/l #	73
12) 1,1-Dichloroethene	2.319	96	41805	18.385	ug/l	92
13) Acrolein	2.245	56	86059	115.376	ug/l	99
14) Allyl chloride	2.666	41	79446	16.308	ug/l	96
15) Acrylonitrile	3.075	53	140102	101.238	ug/l	99
16) Acetone	2.416	43	123472	80.648	ug/l	96
17) Carbon Disulfide	2.514	76	87361	15.919	ug/l	99
18) Methyl Acetate	2.709	43	118219	20.937	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	158027	17.464	ug/l	99
20) Methylene Chloride	2.788	84	52155	18.796	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	46760	18.767	ug/l	98
22) Diisopropyl ether	3.757	45	172553	18.091	ug/l	99
23) Vinyl Acetate	3.721	43	594536	88.095	ug/l	98
24) 1,1-Dichloroethane	3.605	63	90430	17.727	ug/l	100
25) 2-Butanone	4.574	43	198695	93.751	ug/l	97
26) 2,2-Dichloropropane	4.471	77	69144	16.006	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	55122	18.403	ug/l	98
28) Bromochloromethane	4.897	49	44411	19.356	ug/l	100
29) Tetrahydrofuran	5.019	42	128219	96.253	ug/l	99
30) Chloroform	5.086	83	92061	17.612	ug/l	99
31) Cyclohexane	5.464	56	81873	18.192	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	76883	16.904	ug/l	99
36) 1,1-Dichloropropene	5.690	75	68892	18.782	ug/l	100
37) Ethyl Acetate	4.721	43	75166	19.648	ug/l	100
38) Carbon Tetrachloride	5.672	117	61483	17.695	ug/l	96
39) Methylcyclohexane	7.379	83	84215	19.505	ug/l	97
40) Benzene	6.031	78	202042	19.690	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	43040	18.948	ug/l	98
42) 1,2-Dichloroethane	6.080	62	77350	17.524	ug/l	100
43) Isopropyl Acetate	6.342	43	122646	18.384	ug/l	99
44) Trichloroethene	7.123	130	50087	19.251	ug/l	96
45) 1,2-Dichloropropane	7.427	63	52641	19.371	ug/l	95
46) Dibromomethane	7.580	93	35509	19.089	ug/l	100
47) Bromodichloromethane	7.824	83	63182	17.573	ug/l	97
48) Methyl methacrylate	7.690	41	59783	18.158	ug/l	99
49) 1,4-Dioxane	7.763	88	25349	359.904	ug/l #	50
51) 4-Methyl-2-Pentanone	8.574	43	387133	100.729	ug/l	98
52) Toluene	8.714	92	125132	19.319	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	68134	17.442	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	78505	18.757	ug/l	100
55) 1,1,2-Trichloroethane	9.153	97	51017	20.054	ug/l	97
56) Ethyl methacrylate	9.116	69	76892	18.664	ug/l	100
57) 1,3-Dichloropropane	9.305	76	88242	19.134	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	200864	95.841	ug/l	100
59) 2-Hexanone	9.433	43	292413	101.028	ug/l	98
60) Dibromochloromethane	9.518	129	44410	18.314	ug/l	99
61) 1,2-Dibromoethane	9.610	107	50470	18.830	ug/l	100
64) Tetrachloroethene	9.275	164	42781	21.280	ug/l	98
65) Chlorobenzene	10.079	112	131464	20.168	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	44961	19.507	ug/l	99
67) Ethyl Benzene	10.195	91	242506	19.781	ug/l	97
68) m/p-Xylenes	10.299	106	184406	40.694	ug/l	99
69) o-Xylene	10.640	106	90549	20.137	ug/l	98
70) Styrene	10.652	104	147389	20.337	ug/l	97
71) Bromoform	10.799	173	27728	18.284	ug/l #	98
73) Isopropylbenzene	10.963	105	238572	19.041	ug/l	100
74) N-amyl acetate	10.841	43	102000	17.460	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	78017	19.195	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	71975m	19.790	ug/l	
77) Bromobenzene	11.195	156	55933	19.669	ug/l	96
78) n-propylbenzene	11.305	91	281011	19.080	ug/l	99
79) 2-Chlorotoluene	11.366	91	167316	18.145	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	198072	18.600	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	18265	16.185	ug/l #	86
82) 4-Chlorotoluene	11.451	91	193475	18.219	ug/l	99
83) tert-Butylbenzene	11.713	119	192871	18.633	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	199080	18.619	ug/l	99
85) sec-Butylbenzene	11.890	105	250103	19.244	ug/l	100
86) p-Isopropyltoluene	12.006	119	206023	19.282	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	105895	19.602	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	105941	19.420	ug/l	98
89) n-Butylbenzene	12.329	91	187261	19.266	ug/l	98
90) Hexachloroethane	12.536	117	29066	17.948	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	105453	19.934	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	14040	15.513	ug/l	95
93) 1,2,4-Trichlorobenzene	13.585	180	63682	19.992	ug/l	98
94) Hexachlorobutadiene	13.725	225	25574	20.228	ug/l	100
95) Naphthalene	13.774	128	213311	19.555	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	61557	19.650	ug/l	99

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

