

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050223\
 Data File : VX035469.D
 Acq On : 02 May 2023 11:05
 Operator : JC/MD
 Sample : VX0502MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0502MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/03/2023
 Supervised By : Mahesh Dadoda 05/03/2023

Quant Time: May 03 03:14:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 16:31:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.549	168	257702	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	418706	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	376815	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	174212	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	156174	50.233	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.460%			
35) Dibromofluoromethane	5.385	113	131534	51.183	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.360%			
50) Toluene-d8	8.646	98	474778	48.974	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 97.940%			
62) 4-Bromofluorobenzene	11.079	95	179912	49.333	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 98.660%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	40926	15.009	ug/l	98
3) Chloromethane	1.294	50	38728	15.613	ug/l	100
4) Vinyl Chloride	1.373	62	37327	15.003	ug/l	95
5) Bromomethane	1.617	94	24144	14.601	ug/l	96
6) Chloroethane	1.690	64	21959	15.091	ug/l	96
7) Trichlorofluoromethane	1.885	101	60912	15.656	ug/l	100
8) Diethyl Ether	2.135	74	24180	17.046	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.331	101	38369	14.765	ug/l	95
10) Methyl Iodide	2.452	142	43226	13.180	ug/l	97
11) Tert butyl alcohol	2.989	59	42633	75.311	ug/l	99
12) 1,1-Dichloroethene	2.318	96	37409	14.946	ug/l	99
13) Acrolein	2.239	56	55422	99.553	ug/l	100
14) Allyl chloride	2.666	41	70151	15.926	ug/l	98
15) Acrylonitrile	3.062	53	119974	84.736	ug/l	100
16) Acetone	2.385	43	116392	86.197	ug/l	99
17) Carbon Disulfide	2.513	76	84034	14.005	ug/l	98
18) Methyl Acetate	2.702	43	91014	17.430	ug/l	95
19) Methyl tert-butyl Ether	3.111	73	161490	18.807	ug/l	94
20) Methylene Chloride	2.794	84	49978	16.142	ug/l	92
21) trans-1,2-Dichloroethene	3.093	96	44291	16.293	ug/l	94
22) Diisopropyl ether	3.757	45	159757	18.329	ug/l	98
23) Vinyl Acetate	3.720	43	545567	91.060	ug/l	97
24) 1,1-Dichloroethane	3.611	63	87470	17.816	ug/l	99
25) 2-Butanone	4.556	43	171287	86.908	ug/l	96
26) 2,2-Dichloropropane	4.476	77	67419	17.528	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	56965	17.828	ug/l	94
28) Bromochloromethane	4.897	49	39459	18.860	ug/l	87
29) Tetrahydrofuran	5.007	42	108152	85.601	ug/l	94
30) Chloroform	5.092	83	93244	18.813	ug/l	98
31) Cyclohexane	5.464	56	65331	14.813	ug/l	96
32) 1,1,1-Trichloroethane	5.379	97	77068	17.743	ug/l	97
36) 1,1-Dichloropropene	5.696	75	63443	15.810	ug/l	98
37) Ethyl Acetate	4.714	43	64630	17.634	ug/l #	94
38) Carbon Tetrachloride	5.677	117	62381	16.376	ug/l	99
39) Methylcyclohexane	7.378	83	65877	13.487	ug/l	98
40) Benzene	6.037	78	197392	17.148	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.915	41	37268	17.746	ug/l	96
42) 1,2-Dichloroethane	6.086	62	74292	18.101	ug/l	97
43) Isopropyl Acetate	6.342	43	110525	17.947	ug/l	95
44) Trichloroethene	7.122	130	52798	16.650	ug/l	99
45) 1,2-Dichloropropane	7.427	63	51391	17.708	ug/l	96
46) Dibromomethane	7.580	93	36209	18.169	ug/l	92
47) Bromodichloromethane	7.817	83	67750	18.451	ug/l	99
48) Methyl methacrylate	7.695	41	54214	17.947	ug/l	91
49) 1,4-Dioxane	7.702	88	23632	320.940	ug/l	96
51) 4-Methyl-2-Pentanone	8.573	43	340140	89.902	ug/l	96
52) Toluene	8.720	92	128428	17.601	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	71343	18.605	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	80728	18.625	ug/l #	90
55) 1,1,2-Trichloroethane	9.152	97	53523	18.400	ug/l	98
56) Ethyl methacrylate	9.116	69	81160	18.730	ug/l	89
57) 1,3-Dichloropropane	9.305	76	89627	18.014	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	217924	100.582	ug/l	94
59) 2-Hexanone	9.427	43	253880	89.321	ug/l	93
60) Dibromochloromethane	9.518	129	52022	18.666	ug/l	100
61) 1,2-Dibromoethane	9.610	107	54187	18.070	ug/l	99
64) Tetrachloroethene	9.274	164	46862	16.242	ug/l	96
65) Chlorobenzene	10.079	112	136980	16.802	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.164	131	52312	18.437	ug/l	98
67) Ethyl Benzene	10.195	91	240814	17.057	ug/l	98
68) m/p-Xylenes	10.299	106	184580	34.119	ug/l	99
69) o-Xylene	10.640	106	92991	17.529	ug/l	98
70) Styrene	10.652	104	154282	17.937	ug/l	96
71) Bromoform	10.799	173	36102	18.293	ug/l #	99
73) Isopropylbenzene	10.963	105	230610	18.109	ug/l	99
74) N-amyl acetate	10.841	43	90591	18.929	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.213	83	76043	19.238	ug/l	99
76) 1,2,3-Trichloropropane	11.237	75	60677m	17.460	ug/l	
77) Bromobenzene	11.195	156	59528	18.805	ug/l	90
78) n-propylbenzene	11.305	91	252088	17.236	ug/l	99
79) 2-Chlorotoluene	11.365	91	163219	17.859	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	195298	18.188	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	18391	17.140	ug/l	95
82) 4-Chlorotoluene	11.451	91	184684	17.992	ug/l	97
83) tert-Butylbenzene	11.713	119	188064	17.455	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	191226	17.724	ug/l	100
85) sec-Butylbenzene	11.890	105	210765	15.948	ug/l	100
86) p-Isopropyltoluene	12.006	119	185890	16.539	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	104070	17.299	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	105785	16.771	ug/l	99
89) n-Butylbenzene	12.335	91	142356	15.003	ug/l	98
90) Hexachloroethane	12.536	117	27720	16.111	ug/l	85
91) 1,2-Dichlorobenzene	12.335	146	105074	17.463	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.944	75	14675	18.515	ug/l	88
93) 1,2,4-Trichlorobenzene	13.591	180	62355	16.487	ug/l	98
94) Hexachlorobutadiene	13.725	225	23277	14.023	ug/l	100
95) Naphthalene	13.774	128	216999	18.638	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	61596	16.179	ug/l	98

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

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