

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110922\
 Data File : VX032702.D
 Acq On : 10 Nov 2022 03:22
 Operator : JC/MD
 Sample : VX1109MBS02
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1109MBS02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/10/2022
 Supervised By : Mahesh Dadoda 11/10/2022

Quant Time: Nov 10 04:05:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.555	168	101292	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	161858	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	146731	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	76076	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	72195	51.296	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.600%			
35) Dibromofluoromethane	5.385	113	58818	50.945	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.880%			
50) Toluene-d8	8.646	98	193175	48.118	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 96.240%			
62) 4-Bromofluorobenzene	11.079	95	79256	50.539	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 101.080%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	22486	19.247	ug/l	96
3) Chloromethane	1.294	50	18192	18.413	ug/l	93
4) Vinyl Chloride	1.373	62	21103	19.408	ug/l	99
5) Bromomethane	1.617	94	13964	16.070	ug/l	96
6) Chloroethane	1.690	64	16942	23.226	ug/l	94
7) Trichlorofluoromethane	1.891	101	41585	20.184	ug/l	98
8) Diethyl Ether	2.129	74	13829	20.713	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.330	101	22089	20.313	ug/l	99
10) Methyl Iodide	2.452	142	19033	17.049	ug/l	99
11) Tert butyl alcohol	3.001	59	21915m	106.981	ug/l	
12) 1,1-Dichloroethene	2.318	96	19966	19.655	ug/l	95
13) Acrolein	2.239	56	13896	67.950	ug/l	99
14) Allyl chloride	2.666	41	31687	19.568	ug/l	97
15) Acrylonitrile	3.068	53	53036	95.398	ug/l	99
16) Acetone	2.391	43	46857	91.601	ug/l	99
17) Carbon Disulfide	2.513	76	41400	17.111	ug/l	99
18) Methyl Acetate	2.708	43	34352	20.651	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	75987	21.283	ug/l	100
20) Methylene Chloride	2.794	84	23492	20.030	ug/l	89
21) trans-1,2-Dichloroethene	3.092	96	21940	19.842	ug/l	98
22) Diisopropyl ether	3.757	45	74947	21.398	ug/l #	82
23) Vinyl Acetate	3.720	43	280382	99.083	ug/l	100
24) 1,1-Dichloroethane	3.611	63	41876	20.786	ug/l	98
25) 2-Butanone	4.568	43	72347	91.288	ug/l	97
26) 2,2-Dichloropropane	4.476	77	28690	17.915	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	26860	21.016	ug/l	98
28) Bromochloromethane	4.897	49	13288	18.517	ug/l	98
29) Tetrahydrofuran	5.013	42	45102	89.248	ug/l	99
30) Chloroform	5.092	83	46846	21.191	ug/l	96
31) Cyclohexane	5.470	56	33814	19.815	ug/l	93
32) 1,1,1-Trichloroethane	5.385	97	42029	21.186	ug/l	99
36) 1,1-Dichloropropene	5.696	75	32090	19.959	ug/l	99
37) Ethyl Acetate	4.714	43	29317	17.518	ug/l	99
38) Carbon Tetrachloride	5.677	117	35915	20.140	ug/l	98
39) Methylcyclohexane	7.378	83	35901	18.873	ug/l	98
40) Benzene	6.037	78	92279	20.282	ug/l	99

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41) Methacrylonitrile	4.928	41	16352	19.180	ug/l	98
42) 1,2-Dichloroethane	6.086	62	39958	21.485	ug/l	100
43) Isopropyl Acetate	6.342	43	51204	19.927	ug/l	98
44) Trichloroethene	7.128	130	25594	19.983	ug/l	96
45) 1,2-Dichloropropane	7.433	63	24411	20.901	ug/l	93
46) Dibromomethane	7.579	93	18160	20.275	ug/l	99
47) Bromodichloromethane	7.823	83	34888	20.552	ug/l	99
48) Methyl methacrylate	7.695	41	25399	19.139	ug/l	99
49) 1,4-Dioxane	7.714	88	9367	370.372	ug/l	98
51) 4-Methyl-2-Pentanone	8.573	43	155903	96.325	ug/l	99
52) Toluene	8.720	92	61157	20.603	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	34461	19.896	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	36365	19.630	ug/l	99
55) 1,1,2-Trichloroethane	9.152	97	26029	20.821	ug/l	98
56) Ethyl methacrylate	9.116	69	36576	20.332	ug/l	100
57) 1,3-Dichloropropane	9.311	76	40868	20.244	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	85782	99.029	ug/l	100
59) 2-Hexanone	9.433	43	112342	93.545	ug/l	100
60) Dibromochloromethane	9.518	129	27010	19.781	ug/l	99
61) 1,2-Dibromoethane	9.610	107	26856	20.275	ug/l	96
64) Tetrachloroethene	9.274	164	21790	20.289	ug/l	96
65) Chlorobenzene	10.079	112	66590	20.260	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.164	131	25342	20.486	ug/l	98
67) Ethyl Benzene	10.195	91	121389	20.653	ug/l	99
68) m/p-Xylenes	10.305	106	92627	40.584	ug/l	99
69) o-Xylene	10.640	106	45881	20.676	ug/l	99
70) Styrene	10.658	104	75863	20.571	ug/l	99
71) Bromoform	10.798	173	18467	18.881	ug/l #	99
73) Isopropylbenzene	10.963	105	123068	20.415	ug/l	100
74) N-amyl acetate	10.841	43	44705	19.627	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	37663	19.464	ug/l	98
76) 1,2,3-Trichloropropane	11.237	75	32680m	19.309	ug/l	
77) Bromobenzene	11.201	156	30219	20.447	ug/l	99
78) n-propylbenzene	11.304	91	138759	19.978	ug/l	100
79) 2-Chlorotoluene	11.365	91	86047	20.687	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	104704	20.322	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	8753	16.456	ug/l	94
82) 4-Chlorotoluene	11.457	91	98972	20.334	ug/l	99
83) tert-Butylbenzene	11.713	119	104778	20.370	ug/l	98
84) 1,2,4-Trimethylbenzene	11.749	105	105595	20.606	ug/l	99
85) sec-Butylbenzene	11.890	105	125901	20.341	ug/l	100
86) p-Isopropyltoluene	12.012	119	104495	19.896	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	56732	20.350	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	57418	19.853	ug/l	100
89) n-Butylbenzene	12.335	91	87266	19.099	ug/l	99
90) Hexachloroethane	12.542	117	16306	19.008	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	56543	20.569	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.944	75	7892	18.601	ug/l	95
93) 1,2,4-Trichlorobenzene	13.591	180	34667	19.341	ug/l	98
94) Hexachlorobutadiene	13.725	225	14385	19.217	ug/l	99
95) Naphthalene	13.774	128	114270	19.133	ug/l	99
96) 1,2,3-Trichlorobenzene	13.962	180	34431	18.897	ug/l	99

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

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