

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042122\
 Data File : VX028263.D
 Acq On : 22 Apr 2022 00:31
 Operator : JC/MD
 Sample : VX0421MBSD02
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0421MBSD02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/22/2022
 Supervised By : Semsettin Yesilyurt 04/22/2022

Quant Time: Apr 22 06:24:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041922W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 19 13:38:04 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	317059	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	519354	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	487170	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	255847	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	191763	46.386	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	92.780%		
35) Dibromofluoromethane	5.391	113	172304	47.308	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	94.620%		
50) Toluene-d8	8.653	98	636535	45.503	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	91.000%		
62) 4-Bromofluorobenzene	11.085	95	233664	43.685	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	87.380%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	55810	27.268	ug/l	97
3) Chloromethane	1.294	50	51203	23.539	ug/l	94
4) Vinyl Chloride	1.374	62	63433	19.846	ug/l	100
5) Bromomethane	1.599	94	50852	11.565	ug/l	100
6) Chloroethane	1.684	64	45461	17.784	ug/l	100
7) Trichlorofluoromethane	1.886	101	120014	17.027	ug/l	96
8) Diethyl Ether	2.136	74	43867	18.768	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.331	101	59355	23.118	ug/l	97
10) Methyl Iodide	2.453	142	69635	22.990	ug/l	96
11) Tert butyl alcohol	2.959	59	92019	110.693	ug/l	96
12) 1,1-Dichloroethene	2.318	96	55870	22.929	ug/l	93
13) Acrolein	2.233	56	39610	78.180	ug/l	98
14) Allyl chloride	2.666	41	74642	18.256	ug/l	93
15) Acrylonitrile	3.062	53	163179	96.859	ug/l	99
16) Acetone	2.379	43	138012	108.511	ug/l	95
17) Carbon Disulfide	2.514	76	119903	18.273	ug/l	98
18) Methyl Acetate	2.703	43	71984	19.584	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	193961	19.089	ug/l	97
20) Methylene Chloride	2.788	84	65036	21.202	ug/l	99
21) trans-1,2-Dichloroethene	3.093	96	61921	18.686	ug/l	97
22) Diisopropyl ether	3.763	45	166589	17.889	ug/l #	86
23) Vinyl Acetate	3.721	43	736692	90.549	ug/l	98
24) 1,1-Dichloroethane	3.611	63	105171	19.127	ug/l	98
25) 2-Butanone	4.556	43	220549	90.080	ug/l	99
26) 2,2-Dichloropropane	4.477	77	77429	14.422	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	75954	19.222	ug/l	88
28) Bromochloromethane	4.903	49	42708	18.103	ug/l	89
29) Tetrahydrofuran	5.007	42	142001	88.950	ug/l	100
30) Chloroform	5.098	83	120824	18.297	ug/l	100
31) Cyclohexane	5.476	56	87646	17.401	ug/l	91
32) 1,1,1-Trichloroethane	5.391	97	109331	18.284	ug/l	97
36) 1,1-Dichloropropene	5.696	75	83290	17.531	ug/l	96
37) Ethyl Acetate	4.714	43	86390	17.921	ug/l	99
38) Carbon Tetrachloride	5.678	117	93969	17.521	ug/l	97
39) Methylcyclohexane	7.385	83	102954	17.175	ug/l	96
40) Benzene	6.043	78	252430	18.151	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	44038	17.706	ug/l	98
42) 1,2-Dichloroethane	6.092	62	91075	17.642	ug/l	99
43) Isopropyl Acetate	6.342	43	131450	16.754	ug/l	98
44) Trichloroethene	7.129	130	75953	18.834	ug/l	99
45) 1,2-Dichloropropane	7.433	63	60973	17.912	ug/l	99
46) Dibromomethane	7.586	93	48594	18.198	ug/l	99
47) Bromodichloromethane	7.824	83	87239	16.998	ug/l	99
48) Methyl methacrylate	7.696	41	62372	17.316	ug/l	92
49) 1,4-Dioxane	7.665	88	33537	348.033	ug/l	93
51) 4-Methyl-2-Pentanone	8.573	43	438345	87.066	ug/l	97
52) Toluene	8.720	92	171959	17.798	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	86107	15.787	ug/l	97
54) cis-1,3-Dichloropropene	8.372	75	95377	16.284	ug/l	93
55) 1,1,2-Trichloroethane	9.153	97	72659	18.509	ug/l	95
56) Ethyl methacrylate	9.116	69	101886	17.905	ug/l #	93
57) 1,3-Dichloropropane	9.311	76	114290	18.038	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	255342	95.638	ug/l	94
59) 2-Hexanone	9.433	43	342453	87.810	ug/l	95
60) Dibromochloromethane	9.525	129	70633	16.505	ug/l	97
61) 1,2-Dibromoethane	9.610	107	77068	17.895	ug/l	99
64) Tetrachloroethene	9.275	164	72067	18.939	ug/l	98
65) Chlorobenzene	10.079	112	195148	18.788	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	71267	18.419	ug/l	98
67) Ethyl Benzene	10.195	91	326930	18.771	ug/l	97
68) m/p-Xylenes	10.305	106	267108	37.682	ug/l	95
69) o-Xylene	10.646	106	131848	18.656	ug/l	96
70) Styrene	10.658	104	214027	18.693	ug/l	99
71) Bromoform	10.805	173	51067	16.855	ug/l #	99
73) Isopropylbenzene	10.963	105	341908	19.443	ug/l	100
74) N-amyl acetate	10.847	43	110125	18.118	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	110980	19.448	ug/l	100
76) 1,2,3-Trichloropropane	11.244	75	96807m	19.226	ug/l	
77) Bromobenzene	11.201	156	86746	18.941	ug/l	93
78) n-propylbenzene	11.305	91	374063	19.183	ug/l	96
79) 2-Chlorotoluene	11.366	91	228920	18.883	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	290804	19.481	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	24493	14.455	ug/l #	85
82) 4-Chlorotoluene	11.457	91	263727	18.885	ug/l	96
83) tert-Butylbenzene	11.719	119	293262	19.239	ug/l	98
84) 1,2,4-Trimethylbenzene	11.756	105	289097	19.483	ug/l	98
85) sec-Butylbenzene	11.890	105	352469	19.167	ug/l	97
86) p-Isopropyltoluene	12.012	119	304324	19.182	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	162811	18.919	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	166638	18.442	ug/l	99
89) n-Butylbenzene	12.335	91	240955	18.497	ug/l	97
90) Hexachloroethane	12.542	117	44916	16.978	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	165756	19.389	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	22623	17.826	ug/l	91
93) 1,2,4-Trichlorobenzene	13.591	180	100374	19.741	ug/l	99
94) Hexachlorobutadiene	13.725	225	41461	18.274	ug/l	93
95) Naphthalene	13.780	128	346914	20.482	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	100782	20.193	ug/l	96

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

