

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041322\
 Data File : VX028086.D
 Acq On : 13 Apr 2022 13:38
 Operator : JC/MD
 Sample : VX0413MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0413MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/14/2022
 Supervised By : Mahesh Dadoda 04/14/2022

Quant Time: Apr 14 04:04:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041222W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 12 22:07:23 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	133336	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	225708	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	209197	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	109859	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	101128	55.905	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 111.800%			
35) Dibromofluoromethane	5.379	113	79728	53.907	ug/l	-0.01
Spiked Amount 50.000	Range 69 - 133		Recovery = 107.820%			
50) Toluene-d8	8.647	98	272242	49.355	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 98.700%			
62) 4-Bromofluorobenzene	11.079	95	95456	46.348	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 92.700%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	23605	18.233	ug/l	96
3) Chloromethane	1.288	50	29546	20.621	ug/l	98
4) Vinyl Chloride	1.374	62	31892	18.514	ug/l	96
5) Bromomethane	1.599	94	47334	25.858	ug/l	99
6) Chloroethane	1.685	64	28261	21.513	ug/l	98
7) Trichlorofluoromethane	1.886	101	65040	19.253	ug/l	96
8) Diethyl Ether	2.130	74	29467	22.761	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.325	101	26132	19.444	ug/l	97
10) Methyl Iodide	2.453	142	26593	16.991	ug/l	97
11) Tert butyl alcohol	2.959	59	45341	107.981	ug/l	97
12) 1,1-Dichloroethene	2.319	96	24769	18.820	ug/l	96
13) Acrolein	2.233	56	24628	107.243	ug/l	95
14) Allyl chloride	2.660	41	43941	18.865	ug/l	89
15) Acrylonitrile	3.056	53	97633	112.209	ug/l	99
16) Acetone	2.374	43	82430	109.370	ug/l	92
17) Carbon Disulfide	2.508	76	64664	18.697	ug/l	99
18) Methyl Acetate	2.697	43	44276	22.016	ug/l	94
19) Methyl tert-butyl Ether	3.111	73	114032	23.071	ug/l	99
20) Methylene Chloride	2.788	84	33564	22.359	ug/l	92
21) trans-1,2-Dichloroethene	3.093	96	29614	18.784	ug/l	99
22) Diisopropyl ether	3.757	45	104568	20.921	ug/l #	84
23) Vinyl Acetate	3.715	43	490604	110.462	ug/l	94
24) 1,1-Dichloroethane	3.605	63	54448	20.123	ug/l	99
25) 2-Butanone	4.550	43	140659	107.970	ug/l	90
26) 2,2-Dichloropropane	4.471	77	44579	17.746	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	37275	20.975	ug/l	95
28) Bromochloromethane	4.891	49	25990	22.346	ug/l	90
29) Tetrahydrofuran	4.995	42	89417	105.012	ug/l	92
30) Chloroform	5.093	83	61338	20.386	ug/l	96
31) Cyclohexane	5.471	56	44209	17.774	ug/l	89
32) 1,1,1-Trichloroethane	5.385	97	50416	18.500	ug/l	98
36) 1,1-Dichloropropene	5.690	75	39791	17.628	ug/l	99
37) Ethyl Acetate	4.708	43	54782	20.833	ug/l #	93
38) Carbon Tetrachloride	5.672	117	42731	17.732	ug/l	98
39) Methylcyclohexane	7.379	83	45656	17.110	ug/l	93
40) Benzene	6.038	78	124118	18.909	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	28913	20.667	ug/l	90
42) 1,2-Dichloroethane	6.080	62	51908	20.943	ug/l	99
43) Isopropyl Acetate	6.336	43	89268	20.377	ug/l	92
44) Trichloroethene	7.123	130	33303	19.080	ug/l	99
45) 1,2-Dichloropropane	7.428	63	33611	20.319	ug/l	99
46) Dibromomethane	7.580	93	26148	21.427	ug/l	94
47) Bromodichloromethane	7.824	83	47429	20.110	ug/l	99
48) Methyl methacrylate	7.690	41	39982	19.992	ug/l #	82
49) 1,4-Dioxane	7.659	88	19902	445.777	ug/l #	94
51) 4-Methyl-2-Pentanone	8.574	43	282782	101.241	ug/l	90
52) Toluene	8.720	92	78732	17.979	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	52115	19.563	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	53875	19.498	ug/l #	87
55) 1,1,2-Trichloroethane	9.153	97	36581	20.607	ug/l	99
56) Ethyl methacrylate	9.116	69	55605	19.927	ug/l #	80
57) 1,3-Dichloropropane	9.311	76	60408	20.527	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	130495	103.612	ug/l	98
59) 2-Hexanone	9.427	43	217992	99.652	ug/l	88
60) Dibromochloromethane	9.519	129	36369	19.165	ug/l	97
61) 1,2-Dibromoethane	9.610	107	39442	20.400	ug/l	100
64) Tetrachloroethene	9.275	164	31767	19.139	ug/l	97
65) Chlorobenzene	10.079	112	88174	19.317	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	33703	19.983	ug/l	97
67) Ethyl Benzene	10.195	91	148843	18.517	ug/l	97
68) m/p-Xylenes	10.299	106	118326	35.253	ug/l	100
69) o-Xylene	10.640	106	58646	17.975	ug/l	99
70) Styrene	10.659	104	97797	18.471	ug/l	99
71) Bromoform	10.799	173	27089	19.592	ug/l	100
73) Isopropylbenzene	10.963	105	147083	18.846	ug/l	100
74) N-amyl acetate	10.842	43	72733	21.564	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	11.213	83	60152	22.062	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	47839m	19.560	ug/l	
77) Bromobenzene	11.201	156	39379	20.655	ug/l	93
78) n-propylbenzene	11.305	91	174063	19.191	ug/l	99
79) 2-Chlorotoluene	11.366	91	104236	18.950	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	126693	18.793	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	17235	19.848	ug/l	88
82) 4-Chlorotoluene	11.457	91	118298	18.270	ug/l	96
83) tert-Butylbenzene	11.713	119	126949	19.463	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	129053	19.553	ug/l	98
85) sec-Butylbenzene	11.890	105	153249	18.408	ug/l	99
86) p-Isopropyltoluene	12.012	119	132621	18.800	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	72597	19.542	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	74520	19.123	ug/l	98
89) n-Butylbenzene	12.335	91	112786	18.680	ug/l	96
90) Hexachloroethane	12.542	117	21519	18.156	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	73738	19.865	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	12545	20.915	ug/l	99
93) 1,2,4-Trichlorobenzene	13.591	180	44993	21.676	ug/l	98
94) Hexachlorobutadiene	13.725	225	16916	20.197	ug/l	92
95) Naphthalene	13.780	128	164536	22.696	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	44673	21.748	ug/l	95

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

