

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121921\
 Data File : VX025905.D
 Acq On : 18 Dec 2021 12:41
 Operator : JC/MD
 Sample : VX1219MBS01
 Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1219MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/20/2021
 Supervised By : Mahesh Dadoda 12/22/2021

Quant Time: Dec 19 05:54:36 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121321W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 14 07:02:11 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	112000	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	188663	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	179680	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	88409	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	86919	53.94	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 107.88%			
35) Dibromofluoromethane	5.385	113	70215	53.36	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.72%			
50) Toluene-d8	8.646	98	259016	54.03	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 108.06%			
62) 4-Bromofluorobenzene	11.085	95	97017	53.28	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 106.56%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	22570	22.53	ug/l	100
3) Chloromethane	1.294	50	25054	19.21	ug/l	97
4) Vinyl Chloride	1.373	62	27507	19.83	ug/l	99
5) Bromomethane	1.599	94	19798	19.99	ug/l	98
6) Chloroethane	1.684	64	18851	18.76	ug/l	93
7) Trichlorofluoromethane	1.885	101	46561	20.32	ug/l	95
8) Diethyl Ether	2.135	74	17360	19.20	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.330	101	23599	19.79	ug/l	97
10) Methyl Iodide	2.452	142	27738	18.26	ug/l	98
11) Tert butyl alcohol	2.965	59	26568	82.19	ug/l	100
12) 1,1-Dichloroethene	2.318	96	21566	18.19	ug/l	97
13) Acrolein	2.233	56	22474	101.71	ug/l	97
14) Allyl chloride	2.666	41	38923	17.99	ug/l	96
15) Acrylonitrile	3.062	53	74767	99.08	ug/l	99
16) Acetone	2.379	43	81080	104.04	ug/l	97
17) Carbon Disulfide	2.513	76	52527	15.47	ug/l	99
18) Methyl Acetate	2.702	43	49277	20.06	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	84007	20.06	ug/l	98
20) Methylene Chloride	2.788	84	27792	18.65	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	25595	19.34	ug/l	96
22) Diisopropyl ether	3.763	45	87911	20.94	ug/l	92
23) Vinyl Acetate	3.720	43	335247	103.21	ug/l	99
24) 1,1-Dichloroethane	3.605	63	47038	19.63	ug/l	98
25) 2-Butanone	4.562	43	113580	104.79	ug/l	100
26) 2,2-Dichloropropane	4.483	77	32570	17.92	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	30900	19.69	ug/l	98
28) Bromochloromethane	4.897	49	18955	17.55	ug/l	95
29) Tetrahydrofuran	5.007	42	68708	99.71	ug/l	100
30) Chloroform	5.098	83	51824	19.72	ug/l	98
31) Cyclohexane	5.470	56	43038	21.96	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	44612	19.50	ug/l	97
36) 1,1-Dichloropropene	5.690	75	36633	20.53	ug/l	100
37) Ethyl Acetate	4.720	43	40758	20.56	ug/l	100
38) Carbon Tetrachloride	5.677	117	37665	18.14	ug/l	98
39) Methylcyclohexane	7.384	83	44183	22.13	ug/l	99
40) Benzene	6.037	78	107526	20.20	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.921	41	22748	20.73	ug/l	97
42) 1,2-Dichloroethane	6.086	62	41562	20.55	ug/l	98
43) Isopropyl Acetate	6.342	43	63090	19.75	ug/l	99
44) Trichloroethene	7.128	130	29994	20.24	ug/l	100
45) 1,2-Dichloropropane	7.433	63	27250	20.31	ug/l	97
46) Dibromomethane	7.586	93	20363	19.50	ug/l	99
47) Bromodichloromethane	7.823	83	37901	18.41	ug/l	94
48) Methyl methacrylate	7.695	41	30748	20.44	ug/l	99
49) 1,4-Dioxane	7.659	88	12957	394.61	ug/l	96
51) 4-Methyl-2-Pentanone	8.573	43	215292	102.97	ug/l	99
52) Toluene	8.720	92	70101	20.67	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	34581	17.62	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	40900	19.05	ug/l	99
55) 1,1,2-Trichloroethane	9.152	97	29623	20.37	ug/l	96
56) Ethyl methacrylate	9.116	69	42006	20.11	ug/l	98
57) 1,3-Dichloropropane	9.311	76	49237	20.64	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	101330	108.75	ug/l	98
59) 2-Hexanone	9.433	43	166390	105.03	ug/l	99
60) Dibromochloromethane	9.524	129	28192	17.08	ug/l	97
61) 1,2-Dibromoethane	9.610	107	30681	19.46	ug/l	99
64) Tetrachloroethene	9.274	164	29492	20.58	ug/l	98
65) Chlorobenzene	10.079	112	77126	20.59	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.164	131	27567	18.85	ug/l	99
67) Ethyl Benzene	10.195	91	134120	21.18	ug/l	100
68) m/p-Xylenes	10.305	106	108029	43.83	ug/l	100
69) o-Xylene	10.640	106	51838	21.38	ug/l	98
70) Styrene	10.658	104	85035	21.08	ug/l	99
71) Bromoform	10.798	173	20095	16.68	ug/l #	97
73) Isopropylbenzene	10.963	105	134511	20.96	ug/l	100
74) N-amyl acetate	10.847	43	50917	19.73	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	45323	20.27	ug/l	98
76) 1,2,3-Trichloropropane	11.243	75	39017m	19.26	ug/l	
77) Bromobenzene	11.201	156	33162	20.15	ug/l	98
78) n-propylbenzene	11.304	91	156527	21.57	ug/l	100
79) 2-Chlorotoluene	11.365	91	93567	20.27	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	116306	21.86	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	8905	13.63	ug/l #	76
82) 4-Chlorotoluene	11.457	91	108767	21.05	ug/l	99
83) tert-Butylbenzene	11.719	119	111131	21.31	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	115502	21.73	ug/l	98
85) sec-Butylbenzene	11.890	105	140909	22.47	ug/l	100
86) p-Isopropyltoluene	12.012	119	116720	22.17	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	62406	20.35	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	63550	20.30	ug/l	99
89) n-Butylbenzene	12.335	91	98282	22.38	ug/l	100
90) Hexachloroethane	12.542	117	16502	15.95	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	62948	21.49	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.944	75	8479	16.87	ug/l	96
93) 1,2,4-Trichlorobenzene	13.591	180	34262	21.48	ug/l	97
94) Hexachlorobutadiene	13.725	225	14527	23.32	ug/l	99
95) Naphthalene	13.780	128	112342	20.12	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	33844	21.21	ug/l	100

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

