

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012022\
 Data File : VX026532.D
 Acq On : 20 Jan 2022 17:49
 Operator : JC/MD
 Sample : VX0120MBS01
 Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0120MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/21/2022
 Supervised By : Mahesh Dadoda 01/21/2022

Quant Time: Jan 21 04:05:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 11 14:45:13 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	96954	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	155407	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	135326	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	63827	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	64236	47.429	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 94.860%			
35) Dibromofluoromethane	5.391	113	50206	50.027	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.060%			
50) Toluene-d8	8.653	98	180895	50.020	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.040%			
62) 4-Bromofluorobenzene	11.079	95	66892	52.068	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 104.140%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.172	85	19940	17.417	ug/l	96
3) Chloromethane	1.294	50	18873	17.982	ug/l	99
4) Vinyl Chloride	1.374	62	20318	18.439	ug/l	98
5) Bromomethane	1.618	94	9806	19.291	ug/l	96
6) Chloroethane	1.691	64	11756	21.098	ug/l	96
7) Trichlorofluoromethane	1.892	101	31765	18.259	ug/l	99
8) Diethyl Ether	2.136	74	11804	19.174	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.337	101	21324	20.113	ug/l	99
10) Methyl Iodide	2.459	142	25100	24.482	ug/l	98
11) Tert butyl alcohol	2.983	59	22389	118.832	ug/l	96
12) 1,1-Dichloroethene	2.325	96	19585	19.342	ug/l	94
13) Acrolein	2.239	56	17473	87.276	ug/l	98
14) Allyl chloride	2.666	41	36425	19.561	ug/l	98
15) Acrylonitrile	3.068	53	61812	106.577	ug/l	99
16) Acetone	2.386	43	67140	97.209	ug/l	96
17) Carbon Disulfide	2.514	76	51400	17.387	ug/l	98
18) Methyl Acetate	2.709	43	28692	20.896	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	72539	19.744	ug/l	98
20) Methylene Chloride	2.794	84	21829	19.129	ug/l	99
21) trans-1,2-Dichloroethene	3.099	96	21475	19.591	ug/l	96
22) Diisopropyl ether	3.763	45	76249	20.159	ug/l	97
23) Vinyl Acetate	3.727	43	321495	103.258	ug/l	99
24) 1,1-Dichloroethane	3.617	63	40474	19.814	ug/l	98
25) 2-Butanone	4.562	43	94419	105.119	ug/l	99
26) 2,2-Dichloropropane	4.477	77	29194	19.281	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	24731	19.768	ug/l	99
28) Bromochloromethane	4.910	49	17213	20.521	ug/l	99
29) Tetrahydrofuran	5.013	42	58041	108.801	ug/l	99
30) Chloroform	5.099	83	43745	20.610	ug/l	99
31) Cyclohexane	5.477	56	37921	18.983	ug/l	96
32) 1,1,1-Trichloroethane	5.391	97	36311	19.450	ug/l	99
36) 1,1-Dichloropropene	5.696	75	30442	19.215	ug/l	99
37) Ethyl Acetate	4.721	43	33956	21.188	ug/l	99
38) Carbon Tetrachloride	5.684	117	32456	19.916	ug/l	97
39) Methylcyclohexane	7.385	83	37793	19.777	ug/l	99
40) Benzene	6.044	78	88001	20.096	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	19402	21.372	ug/l	98
42) 1,2-Dichloroethane	6.092	62	34404	20.081	ug/l	99
43) Isopropyl Acetate	6.342	43	54604	21.093	ug/l	99
44) Trichloroethene	7.129	130	25381	20.426	ug/l	96
45) 1,2-Dichloropropane	7.434	63	22895	20.946	ug/l	94
46) Dibromomethane	7.586	93	16067	20.852	ug/l	100
47) Bromodichloromethane	7.824	83	31873	20.473	ug/l	99
48) Methyl methacrylate	7.696	41	27214	21.212	ug/l	99
49) 1,4-Dioxane	7.684	88	10137	481.475	ug/l	99
51) 4-Methyl-2-Pentanone	8.574	43	172836	112.560	ug/l	100
52) Toluene	8.720	92	54839	20.422	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	30263	19.380	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	34256	20.486	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	22481	21.453	ug/l	99
56) Ethyl methacrylate	9.116	69	35255	21.953	ug/l	97
57) 1,3-Dichloropropane	9.311	76	38206	21.030	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	86603	102.843	ug/l	99
59) 2-Hexanone	9.433	43	134732	114.643	ug/l	99
60) Dibromochloromethane	9.525	129	22829	20.906	ug/l	97
61) 1,2-Dibromoethane	9.610	107	23307	21.345	ug/l	99
64) Tetrachloroethene	9.275	164	26382	20.637	ug/l	97
65) Chlorobenzene	10.079	112	57990	20.349	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	21368	20.180	ug/l	99
67) Ethyl Benzene	10.195	91	104495	20.178	ug/l	99
68) m/p-Xylenes	10.305	106	79964	41.261	ug/l	99
69) o-Xylene	10.640	106	38620	20.652	ug/l	100
70) Styrene	10.659	104	64909	21.271	ug/l	99
71) Bromoform	10.799	173	15391	20.384	ug/l #	98
73) Isopropylbenzene	10.963	105	104112	19.900	ug/l	100
74) N-amyl acetate	10.841	43	42393	20.989	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	29426	20.954	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	30232m	21.512	ug/l	
77) Bromobenzene	11.201	156	23971	20.000	ug/l	99
78) n-propylbenzene	11.305	91	119175	19.975	ug/l	99
79) 2-Chlorotoluene	11.366	91	71454	19.750	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	87412	20.266	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	7923	20.989	ug/l	94
82) 4-Chlorotoluene	11.457	91	82540	19.851	ug/l	99
83) tert-Butylbenzene	11.713	119	81486	20.237	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	87799	20.352	ug/l	99
85) sec-Butylbenzene	11.890	105	106030	20.358	ug/l	100
86) p-Isopropyltoluene	12.012	119	89588	20.503	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	45214	20.125	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	44963	19.773	ug/l	97
89) n-Butylbenzene	12.335	91	76803	20.482	ug/l	100
90) Hexachloroethane	12.542	117	13251	19.558	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	43680	20.574	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	7092	20.896	ug/l	97
93) 1,2,4-Trichlorobenzene	13.591	180	27353	20.096	ug/l	97
94) Hexachlorobutadiene	13.725	225	12197	21.227	ug/l	98
95) Naphthalene	13.780	128	96014	21.148	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	28217	21.079	ug/l	98

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

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