

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021622\
 Data File : VX027050.D
 Acq On : 16 Feb 2022 15:30
 Operator : JC/MD
 Sample : VX0216MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0216MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/17/2022
 Supervised By : Mahesh Dadoda 02/21/2022

Quant Time: Feb 17 07:11:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 08 07:07:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	77521	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	126072	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	117377	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	56510	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	51970	55.848	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 111.700%			
35) Dibromofluoromethane	5.385	113	40921	54.481	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.960%			
50) Toluene-d8	8.647	98	147119	53.360	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 106.720%			
62) 4-Bromofluorobenzene	11.079	95	58117	59.872	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 119.740%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.172	85	15406	18.277	ug/l	98
3) Chloromethane	1.294	50	14829	18.911	ug/l	98
4) Vinyl Chloride	1.374	62	14559	17.736	ug/l	99
5) Bromomethane	1.611	94	9178	26.349	ug/l	92
6) Chloroethane	1.691	64	9080	18.410	ug/l	97
7) Trichlorofluoromethane	1.892	101	22032	18.239	ug/l	95
8) Diethyl Ether	2.136	74	8847	19.771	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.331	101	15211	19.210	ug/l	97
10) Methyl Iodide	2.453	142	19151	18.906	ug/l	97
11) Tert butyl alcohol	2.959	59	16552	98.460	ug/l	98
12) 1,1-Dichloroethene	2.325	96	14299	18.023	ug/l	84
13) Acrolein	2.239	56	12575	80.944	ug/l	99
14) Allyl chloride	2.666	41	27435	19.522	ug/l	94
15) Acrylonitrile	3.062	53	51229	106.342	ug/l	100
16) Acetone	2.379	43	43984	107.617	ug/l	98
17) Carbon Disulfide	2.514	76	35620	15.860	ug/l	99
18) Methyl Acetate	2.703	43	23420	19.916	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	56682	20.185	ug/l	99
20) Methylene Chloride	2.794	84	17839	20.144	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	15749	18.864	ug/l	95
22) Diisopropyl ether	3.763	45	58793	20.780	ug/l	94
23) Vinyl Acetate	3.721	43	248659	104.531	ug/l	98
24) 1,1-Dichloroethane	3.611	63	29881	19.518	ug/l	99
25) 2-Butanone	4.550	43	70423	106.945	ug/l	97
26) 2,2-Dichloropropane	4.477	77	20432	19.752	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	19445	20.286	ug/l	95
28) Bromochloromethane	4.897	49	13551	21.352	ug/l	96
29) Tetrahydrofuran	5.001	42	47379	105.835	ug/l	98
30) Chloroform	5.092	83	32269	20.286	ug/l	95
31) Cyclohexane	5.470	56	26401	17.855	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	26296	18.750	ug/l	99
36) 1,1-Dichloropropene	5.696	75	22055	18.613	ug/l	97
37) Ethyl Acetate	4.714	43	27673	20.550	ug/l	100
38) Carbon Tetrachloride	5.678	117	22761	18.318	ug/l	94
39) Methylcyclohexane	7.379	83	27448	18.889	ug/l	97
40) Benzene	6.037	78	68092	19.717	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	15495	21.230	ug/l	96
42) 1,2-Dichloroethane	6.086	62	26209	21.537	ug/l	99
43) Isopropyl Acetate	6.336	43	42637	20.578	ug/l	99
44) Trichloroethene	7.129	130	19672	18.972	ug/l	91
45) 1,2-Dichloropropane	7.433	63	17496	20.024	ug/l	98
46) Dibromomethane	7.580	93	12840	21.237	ug/l	98
47) Bromodichloromethane	7.824	83	24065	20.785	ug/l	95
48) Methyl methacrylate	7.689	41	21407	20.852	ug/l	95
49) 1,4-Dioxane	7.665	88	7433	420.162	ug/l	97
51) 4-Methyl-2-Pentanone	8.573	43	142271	113.312	ug/l	98
52) Toluene	8.720	92	43398	19.849	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	24039	20.011	ug/l	95
54) cis-1,3-Dichloropropene	8.366	75	27148	21.234	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	18642	22.522	ug/l	99
56) Ethyl methacrylate	9.116	69	28242	21.524	ug/l	97
57) 1,3-Dichloropropane	9.311	76	31495	22.158	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	61568	91.421	ug/l	99
59) 2-Hexanone	9.427	43	106157	115.593	ug/l	97
60) Dibromochloromethane	9.518	129	19052	22.370	ug/l	99
61) 1,2-Dibromoethane	9.610	107	19463	22.255	ug/l	99
64) Tetrachloroethene	9.275	164	20506	17.394	ug/l	95
65) Chlorobenzene	10.079	112	47456	19.550	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	17486	19.582	ug/l	98
67) Ethyl Benzene	10.195	91	84204	19.599	ug/l	99
68) m/p-Xylenes	10.305	106	65515	39.634	ug/l	95
69) o-Xylene	10.640	106	31808	19.638	ug/l	99
70) Styrene	10.658	104	53842	20.496	ug/l	99
71) Bromoform	10.799	173	12985	19.937	ug/l #	97
73) Isopropylbenzene	10.963	105	82927	18.630	ug/l	99
74) N-amyl acetate	10.841	43	34823	19.580	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	25342	20.980	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	25672m	20.753	ug/l	
77) Bromobenzene	11.201	156	20810	19.668	ug/l	93
78) n-propylbenzene	11.305	91	94258	19.102	ug/l	100
79) 2-Chlorotoluene	11.366	91	58092	19.053	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	70815	19.330	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	6623	18.997	ug/l	97
82) 4-Chlorotoluene	11.457	91	67728	19.801	ug/l	98
83) tert-Butylbenzene	11.713	119	67413	19.307	ug/l	98
84) 1,2,4-Trimethylbenzene	11.756	105	72001	19.485	ug/l	99
85) sec-Butylbenzene	11.890	105	85577	19.335	ug/l	99
86) p-Isopropyltoluene	12.012	119	73143	19.507	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	38313	19.762	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	38154	19.514	ug/l	99
89) n-Butylbenzene	12.335	91	60152	19.608	ug/l	100
90) Hexachloroethane	12.542	117	10855	20.031	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	36973	19.764	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	5673	19.098	ug/l	95
93) 1,2,4-Trichlorobenzene	13.591	180	22574	19.121	ug/l	98
94) Hexachlorobutadiene	13.725	225	9709	19.442	ug/l	97
95) Naphthalene	13.780	128	79927	19.327	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	22761	19.040	ug/l	99

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

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