

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091021\
 Data File : VX024163.D
 Acq On : 10 Sep 2021 14:11
 Operator : JC/MD
 Sample : VX0910MBS01
 Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0910MBS01

Manual Integrations
 APPROVED

MMDadoda
 9/13/2021 7:33:41 PM

Quant Time: Sep 11 04:22:17 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 17 11:57:51 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	171524	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	271636	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	253521	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	123766	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	126131	52.688	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 105.380%			
35) Dibromofluoromethane	5.391	113	96035	53.415	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.840%			
50) Toluene-d8	8.653	98	337848	49.372	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 98.740%			
62) 4-Bromofluorobenzene	11.085	95	135600	53.830	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 107.660%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.173	85	37477	20.709	ug/l	100
3) Chloromethane	1.294	50	35073	17.655	ug/l	98
4) Vinyl Chloride	1.374	62	35104	18.118	ug/l	99
5) Bromomethane	1.599	94	26057	21.390	ug/l	99
6) Chloroethane	1.685	64	22936	16.275	ug/l	98
7) Trichlorofluoromethane	1.886	101	60424	19.748	ug/l	96
8) Diethyl Ether	2.142	74	21337	19.969	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.331	101	34413	19.988	ug/l	96
10) Methyl Iodide	2.453	142	41699	17.394	ug/l	92
11) Tert butyl alcohol	2.977	59	56456	116.614	ug/l	98
12) 1,1-Dichloroethene	2.319	96	32465	19.722	ug/l	90
13) Acrolein	2.246	56	22153	76.894	ug/l	97
14) Allyl chloride	2.666	41	56486	18.620	ug/l	89
15) Acrylonitrile	3.075	53	104537	96.911	ug/l	98
16) Acetone	2.386	43	100717	94.094	ug/l	91
17) Carbon Disulfide	2.514	76	72989	18.591	ug/l	99
18) Methyl Acetate	2.715	43	69312	25.939	ug/l	92
19) Methyl tert-butyl Ether	3.123	73	122542	21.389	ug/l	100
20) Methylene Chloride	2.794	84	40317	19.719	ug/l	93
21) trans-1,2-Dichloroethene	3.099	96	36527	20.774	ug/l	93
22) Diisopropyl ether	3.776	45	119927	19.849	ug/l	99
23) Vinyl Acetate	3.733	43	503964	103.109	ug/l	95
24) 1,1-Dichloroethane	3.617	63	68439	20.353	ug/l	97
25) 2-Butanone	4.568	43	153627	94.758	ug/l	93
26) 2,2-Dichloropropane	4.483	77	57203	20.727	ug/l	97
27) cis-1,2-Dichloroethene	4.495	96	42488	20.308	ug/l	97
28) Bromochloromethane	4.910	49	26362	17.242	ug/l	97
29) Tetrahydrofuran	5.019	42	100434	95.638	ug/l	91
30) Chloroform	5.105	83	73499	20.643	ug/l	99
31) Cyclohexane	5.477	56	59324	19.289	ug/l	94
32) 1,1,1-Trichloroethane	5.397	97	65332	21.429	ug/l	98
36) 1,1-Dichloropropene	5.702	75	51728	20.563	ug/l	98
37) Ethyl Acetate	4.727	43	57909	18.728	ug/l	95
38) Carbon Tetrachloride	5.684	117	57156	21.789	ug/l	99
39) Methylcyclohexane	7.385	83	62492	20.403	ug/l	95
40) Benzene	6.050	78	151722	20.397	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	31813	18.978	ug/l	92
42) 1,2-Dichloroethane	6.098	62	64762	22.153	ug/l	93
43) Isopropyl Acetate	6.348	43	94424	19.522	ug/l	93
44) Trichloroethene	7.129	130	41383	20.140	ug/l	98
45) 1,2-Dichloropropane	7.434	63	39920	20.211	ug/l	93
46) Dibromomethane	7.586	93	28007	20.375	ug/l	99
47) Bromodichloromethane	7.830	83	53787	21.630	ug/l	100
48) Methyl methacrylate	7.702	41	58842	24.938	ug/l	86
49) 1,4-Dioxane	7.665	88	20681	414.725	ug/l #	95
51) 4-Methyl-2-Pentanone	8.580	43	312542	99.964	ug/l	90
52) Toluene	8.726	92	98431	20.421	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	58994	19.719	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	60977	20.237	ug/l #	88
55) 1,1,2-Trichloroethane	9.159	97	41370	20.848	ug/l	97
56) Ethyl methacrylate	9.122	69	49110	15.023	ug/l #	83
57) 1,3-Dichloropropane	9.311	76	68528	20.821	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.251	63	154612	96.760	ug/l	98
59) 2-Hexanone	9.433	43	243216	101.201	ug/l	88
60) Dibromochloromethane	9.525	129	41189	19.848	ug/l	99
61) 1,2-Dibromoethane	9.616	107	43577	20.787	ug/l	100
64) Tetrachloroethene	9.275	164	43354	21.410	ug/l	93
65) Chlorobenzene	10.086	112	109911	20.776	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	41439	22.008	ug/l	98
67) Ethyl Benzene	10.195	91	194054	21.006	ug/l	99
68) m/p-Xylenes	10.305	106	146334	41.587	ug/l	98
69) o-Xylene	10.646	106	71354	20.635	ug/l	100
70) Styrene	10.659	104	103939	18.451	ug/l	94
71) Bromoform	10.805	173	28709	19.970	ug/l #	99
73) Isopropylbenzene	10.963	105	193868	20.536	ug/l	99
74) N-amyl acetate	10.848	43	79065	18.533	ug/l	92
75) 1,1,2,2-Tetrachloroethane	11.213	83	65617	21.209	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	59968m	20.771	ug/l	
77) Bromobenzene	11.201	156	48484	20.852	ug/l	97
78) n-propylbenzene	11.305	91	212180	19.651	ug/l	99
79) 2-Chlorotoluene	11.366	91	131344	20.126	ug/l	98
80) 1,3,5-Trimethylbenzene	11.457	105	164667	21.226	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	18448	18.796	ug/l #	87
82) 4-Chlorotoluene	11.457	91	153058	20.662	ug/l	99
83) tert-Butylbenzene	11.719	119	155290	20.610	ug/l	93
84) 1,2,4-Trimethylbenzene	11.756	105	166828	21.567	ug/l	97
85) sec-Butylbenzene	11.896	105	182026	19.082	ug/l	100
86) p-Isopropyltoluene	12.012	119	167088	21.282	ug/l	97
87) 1,3-Dichlorobenzene	11.976	146	84513	20.090	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	83346	19.865	ug/l	96
89) n-Butylbenzene	12.335	91	143480	20.468	ug/l	97
90) Hexachloroethane	12.542	117	25874	19.818	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	82988	20.363	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	13445	19.895	ug/l	88
93) 1,2,4-Trichlorobenzene	13.591	180	49002	19.978	ug/l	99
94) Hexachlorobutadiene	13.731	225	23600	21.587	ug/l	100
95) Naphthalene	13.780	128	163918	18.925	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	49997	20.467	ug/l	99

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

