

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081821\
 Data File : VX023824.D
 Acq On : 18 Aug 2021 18:11
 Operator : JC/MD
 Sample : VX0818MBS01
 Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0818MBS01

Manual Integrations
 APPROVED

MMDadoda
 8/19/2021 5:29:09 PM

Quant Time: Aug 19 04:20:57 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	189389	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	300671	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	280888	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	132610	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	126106	47.708	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.420%
35) Dibromofluoromethane	5.397	113	95887	48.183	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.360%
50) Toluene-d8	8.653	98	362642	47.878	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.760%
62) 4-Bromofluorobenzene	11.085	95	131029	46.992	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.980%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.173	85	40058	20.047	ug/l	98
3) Chloromethane	1.295	50	43106	19.651	ug/l	98
4) Vinyl Chloride	1.374	62	42169	19.711	ug/l	98
5) Bromomethane	1.599	94	29889	22.221	ug/l	97
6) Chloroethane	1.685	64	27175	17.349	ug/l	98
7) Trichlorofluoromethane	1.886	101	68811	20.368	ug/l	96
8) Diethyl Ether	2.142	74	23815	20.186	ug/l	85
9) 1,1,2-Trichlorotrifluo...	2.331	101	38222	20.106	ug/l	97
10) Methyl Iodide	2.453	142	47736	18.034	ug/l	95
11) Tert butyl alcohol	2.977	59	54934	102.766	ug/l	99
12) 1,1-Dichloroethene	2.319	96	36926	20.316	ug/l	96
13) Acrolein	2.246	56	25627	80.562	ug/l	95
14) Allyl chloride	2.666	41	66407	19.825	ug/l	92
15) Acrylonitrile	3.075	53	123276	103.503	ug/l	99
16) Acetone	2.392	43	112820	95.458	ug/l	91
17) Carbon Disulfide	2.514	76	79847	18.419	ug/l	99
18) Methyl Acetate	2.715	43	60319	20.444	ug/l	92
19) Methyl tert-butyl Ether	3.123	73	126431	19.986	ug/l	99
20) Methylene Chloride	2.794	84	43754	19.381	ug/l #	88
21) trans-1,2-Dichloroethene	3.099	96	38994	20.085	ug/l	93
22) Diisopropyl ether	3.776	45	133145	19.958	ug/l	94
23) Vinyl Acetate	3.733	43	543714	100.748	ug/l	94
24) 1,1-Dichloroethane	3.617	63	74270	20.004	ug/l	97
25) 2-Butanone	4.574	43	180921	101.066	ug/l	90
26) 2,2-Dichloropropane	4.489	77	54525	17.893	ug/l	100
27) cis-1,2-Dichloroethene	4.501	96	45133	19.537	ug/l	94
28) Bromochloromethane	4.910	49	37777	22.377	ug/l	91
29) Tetrahydrofuran	5.019	42	118008	101.773	ug/l	88
30) Chloroform	5.105	83	76693	19.508	ug/l	100
31) Cyclohexane	5.483	56	66085	19.460	ug/l	98
32) 1,1,1-Trichloroethane	5.391	97	65896	19.575	ug/l	98
36) 1,1-Dichloropropene	5.702	75	54812	19.685	ug/l	99
37) Ethyl Acetate	4.727	43	67210	19.637	ug/l #	95
38) Carbon Tetrachloride	5.684	117	57571	19.828	ug/l	94
39) Methylcyclohexane	7.385	83	66561	19.633	ug/l	95
40) Benzene	6.044	78	165285	20.075	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	35811	19.300	ug/l	91
42) 1,2-Dichloroethane	6.099	62	64542	19.945	ug/l	94
43) Isopropyl Acetate	6.355	43	106450	19.883	ug/l	92
44) Trichloroethene	7.135	130	44026	19.357	ug/l	99
45) 1,2-Dichloropropane	7.434	63	44055	20.150	ug/l	97
46) Dibromomethane	7.586	93	30826	20.261	ug/l	97
47) Bromodichloromethane	7.830	83	53421	19.409	ug/l #	98
48) Methyl methacrylate	7.702	41	52531	20.114	ug/l	85
49) 1,4-Dioxane	7.665	88	23322	422.523	ug/l	95
51) 4-Methyl-2-Pentanone	8.580	43	363168	104.939	ug/l	90
52) Toluene	8.726	92	105504	19.775	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	60193	18.344	ug/l	97
54) cis-1,3-Dichloropropene	8.373	75	65374	19.601	ug/l #	88
55) 1,1,2-Trichloroethane	9.159	97	43856	19.966	ug/l	99
56) Ethyl methacrylate	9.122	69	68588	18.757	ug/l #	81
57) 1,3-Dichloropropane	9.311	76	73002	20.039	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.251	63	159802	90.350	ug/l	97
59) 2-Hexanone	9.433	43	285479	107.315	ug/l	86
60) Dibromochloromethane	9.525	129	41291	18.135	ug/l	100
61) 1,2-Dibromoethane	9.610	107	46470	20.027	ug/l	99
64) Tetrachloroethene	9.275	164	38448	17.138	ug/l	96
65) Chlorobenzene	10.086	112	116353	19.851	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	40983	19.645	ug/l	99
67) Ethyl Benzene	10.195	91	202469	19.781	ug/l	100
68) m/p-Xylenes	10.305	106	155455	39.874	ug/l	100
69) o-Xylene	10.647	106	76133	19.872	ug/l	100
70) Styrene	10.659	104	124773	19.991	ug/l	97
71) Bromoform	10.805	173	28386	18.030	ug/l #	99
73) Isopropylbenzene	10.964	105	200404	19.813	ug/l	99
74) N-amyl acetate	10.848	43	93419	20.437	ug/l	90
75) 1,1,2,2-Tetrachloroethane	11.213	83	70166	21.167	ug/l	100
76) 1,2,3-Trichloropropane	11.244	75	64222m	20.761	ug/l	
77) Bromobenzene	11.201	156	49721	19.958	ug/l	96
78) n-propylbenzene	11.305	91	228849	19.781	ug/l	100
79) 2-Chlorotoluene	11.366	91	137742	19.699	ug/l	98
80) 1,3,5-Trimethylbenzene	11.457	105	166337	20.011	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.025	75	18711	17.792	ug/l #	82
82) 4-Chlorotoluene	11.457	91	155507	19.593	ug/l	99
83) tert-Butylbenzene	11.720	119	165123	20.454	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	168302	20.307	ug/l	100
85) sec-Butylbenzene	11.896	105	205322	20.089	ug/l	100
86) p-Isopropyltoluene	12.012	119	169368	20.134	ug/l	97
87) 1,3-Dichlorobenzene	11.976	146	88676	19.674	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	88846	19.764	ug/l	98
89) n-Butylbenzene	12.335	91	145861	19.420	ug/l	97
90) Hexachloroethane	12.543	117	26535	19.032	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	85220	19.516	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	13352	18.598	ug/l	89
93) 1,2,4-Trichlorobenzene	13.591	180	49927	18.998	ug/l	99
94) Hexachlorobutadiene	13.731	225	22874	19.528	ug/l	99
95) Naphthalene	13.780	128	171607	18.521	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	50571	19.321	ug/l	99

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

