

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092221\
 Data File : VX024441.D
 Acq On : 22 Sep 2021 17:52
 Operator : JC/MD
 Sample : VX0922MBS01
 Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0922MBS01

Manual Integrations
 APPROVED

MMDadoda
 9/23/2021 11:36:54 AM

Quant Time: Sep 23 06:39:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091421W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 21 10:52:48 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	180074	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	258145	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	234437	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	126598	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	126379	49.217	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.440%
35) Dibromofluoromethane	5.397	113	98095	56.662	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	113.320%
50) Toluene-d8	8.652	98	298523	47.333	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	94.660%
62) 4-Bromofluorobenzene	11.085	95	124377	50.675	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.360%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.172	85	29551	17.072	ug/l	97
3) Chloromethane	1.300	50	32433	17.942	ug/l	96
4) Vinyl Chloride	1.373	62	31224	17.356	ug/l	99
5) Bromomethane	1.599	94	20639	19.271	ug/l	99
6) Chloroethane	1.684	64	18588	15.643	ug/l	96
7) Trichlorofluoromethane	1.885	101	48316	16.011	ug/l	99
8) Diethyl Ether	2.141	74	17218	16.489	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.330	101	33635	18.973	ug/l	98
10) Methyl Iodide	2.458	142	39514	16.111	ug/l	95
11) Tert butyl alcohol	2.977	59	59374	96.606	ug/l	98
12) 1,1-Dichloroethene	2.324	96	30673	18.474	ug/l	97
13) Acrolein	2.245	56	10797	63.797	ug/l	94
14) Allyl chloride	2.672	41	57180	18.950	ug/l	95
15) Acrylonitrile	3.074	53	110280	105.001	ug/l	97
16) Acetone	2.391	43	101547	92.746	ug/l	92
17) Carbon Disulfide	2.513	76	59141	14.213	ug/l	100
18) Methyl Acetate	2.715	43	70262	20.469	ug/l	92
19) Methyl tert-butyl Ether	3.123	73	120079	19.679	ug/l	100
20) Methylene Chloride	2.794	84	40312	19.173	ug/l	92
21) trans-1,2-Dichloroethene	3.099	96	34133	18.778	ug/l	97
22) Diisopropyl ether	3.775	45	122641	20.693	ug/l	95
23) Vinyl Acetate	3.733	43	477245	99.177	ug/l	94
24) 1,1-Dichloroethane	3.617	63	67443	19.393	ug/l	97
25) 2-Butanone	4.574	43	160154	99.311	ug/l	95
26) 2,2-Dichloropropane	4.489	77	55486	18.216	ug/l	97
27) cis-1,2-Dichloroethene	4.495	96	41157	19.606	ug/l	96
28) Bromochloromethane	4.909	49	23582	16.643	ug/l	96
29) Tetrahydrofuran	5.019	42	104010	103.044	ug/l	89
30) Chloroform	5.104	83	73304	19.822	ug/l	100
31) Cyclohexane	5.482	56	54102	18.013	ug/l	100
32) 1,1,1-Trichloroethane	5.397	97	63750	19.261	ug/l	100
36) 1,1-Dichloropropene	5.702	75	49724	20.951	ug/l	98
37) Ethyl Acetate	4.726	43	60189	21.764	ug/l	95
38) Carbon Tetrachloride	5.684	117	54175	20.280	ug/l	96
39) Methylcyclohexane	7.384	83	50655	17.876	ug/l	97
40) Benzene	6.043	78	148700	21.845	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	33166	22.488	ug/l	94
42) 1,2-Dichloroethane	6.098	62	60304	21.245	ug/l	95
43) Isopropyl Acetate	6.354	43	85539	19.431	ug/l	93
44) Trichloroethene	7.134	130	35577	18.601	ug/l	94
45) 1,2-Dichloropropane	7.439	63	33043	18.392	ug/l	99
46) Dibromomethane	7.586	93	24047	18.285	ug/l	97
47) Bromodichloromethane	7.829	83	43223	17.675	ug/l	98
48) Methyl methacrylate	7.701	41	39911	18.170	ug/l	85
49) 1,4-Dioxane	7.665	88	17351	377.260	ug/l #	94
51) 4-Methyl-2-Pentanone	8.579	43	276191	98.456	ug/l	89
52) Toluene	8.726	92	80880	18.128	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	47918	17.279	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	50545	17.613	ug/l #	88
55) 1,1,2-Trichloroethane	9.159	97	35316	18.587	ug/l	96
56) Ethyl methacrylate	9.122	69	51979	17.304	ug/l #	80
57) 1,3-Dichloropropane	9.311	76	58491	18.902	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.250	63	114566	83.318	ug/l	99
59) 2-Hexanone	9.433	43	219871	100.589	ug/l	86
60) Dibromochloromethane	9.524	129	32991	16.508	ug/l	99
61) 1,2-Dibromoethane	9.616	107	37345	18.446	ug/l	98
64) Tetrachloroethene	9.280	164	36861	20.296	ug/l	96
65) Chlorobenzene	10.085	112	92945	19.271	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.164	131	34971	19.564	ug/l	98
67) Ethyl Benzene	10.195	91	159511	18.906	ug/l	99
68) m/p-Xylenes	10.305	106	125954	38.993	ug/l	99
69) o-Xylene	10.646	106	62417	19.358	ug/l	99
70) Styrene	10.658	104	101566	19.417	ug/l	96
71) Bromoform	10.805	173	24256	17.021	ug/l #	97
73) Isopropylbenzene	10.963	105	165699	17.576	ug/l	100
74) N-amyl acetate	10.847	43	70940	17.875	ug/l	91
75) 1,1,2,2-Tetrachloroethane	11.213	83	60865	19.956	ug/l	98
76) 1,2,3-Trichloropropane	11.243	75	55389m	19.027	ug/l	
77) Bromobenzene	11.201	156	44030	18.583	ug/l	96
78) n-propylbenzene	11.311	91	196708	18.470	ug/l	100
79) 2-Chlorotoluene	11.365	91	124097	18.759	ug/l	98
80) 1,3,5-Trimethylbenzene	11.457	105	150338	18.918	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	15368	15.526	ug/l #	82
82) 4-Chlorotoluene	11.457	91	142731	18.963	ug/l	99
83) tert-Butylbenzene	11.719	119	141558	18.456	ug/l	91
84) 1,2,4-Trimethylbenzene	11.756	105	150449	19.246	ug/l	98
85) sec-Butylbenzene	11.896	105	187009	19.460	ug/l	99
86) p-Isopropyltoluene	12.012	119	149630	18.550	ug/l	97
87) 1,3-Dichlorobenzene	11.975	146	81594	19.226	ug/l	99
88) 1,4-Dichlorobenzene	12.048	146	83019	19.164	ug/l	97
89) n-Butylbenzene	12.335	91	142139	20.365	ug/l	98
90) Hexachloroethane	12.542	117	23859	18.358	ug/l	95
91) 1,2-Dichlorobenzene	12.341	146	89107	21.401	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.944	75	12636	18.059	ug/l	92
93) 1,2,4-Trichlorobenzene	13.591	180	49702	20.257	ug/l	97
94) Hexachlorobutadiene	13.725	225	24423	19.933	ug/l	99
95) Naphthalene	13.780	128	163903	18.937	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	49900	20.177	ug/l	99

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

