

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041720\
 Data File : VX015735.D
 Acq On : 17 Apr 2020 14:08
 Operator : JC/SP
 Sample : VX0417MBS01
 Misc : 5.00µL/10mL/100µL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0417MBS01

Manual Integrations
 APPROVED

MMDadoda
 4/20/2020 10:06:18 AM

Quant Time: Apr 20 03:25:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 09:35:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	1012181	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1506920	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1360281	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	738913	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	640922	44.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.80%	
35) Dibromofluoromethane	5.47	113	482051	50.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.08%	
50) Toluene-d8	8.70	98	1802805	50.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.66%	
62) 4-Bromofluorobenzene	11.12	95	726640	50.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.84%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	139346	15.626	ug/l	99
3) Chloromethane	1.31	50	179200	15.780	ug/l	99
4) Vinyl Chloride	1.39	62	180159	17.277	ug/l	97
5) Bromomethane	1.63	94	134689	23.779	ug/l	100
6) Chloroethane	1.71	64	110989	17.162	ug/l	98
7) Trichlorofluoromethane	1.92	101	246213	17.606	ug/l	97
8) Diethyl Ether	2.17	74	101842	17.266	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	167230	18.344	ug/l	97
10) Methyl Iodide	2.49	142	131448	10.694	ug/l	98
11) Tert butyl alcohol	3.01	59	248908	72.845	ug/l	97
12) 1,1-Dichloroethene	2.36	96	159310	16.671	ug/l	96
13) Acrolein	2.27	56	209716	107.742	ug/l	99
14) Allyl chloride	2.71	41	352501	15.787	ug/l	99
15) Acrylonitrile	3.12	53	559525	85.864	ug/l	99
16) Acetone	2.42	43	504871	82.318	ug/l	96
17) Carbon Disulfide	2.55	76	408697	14.020	ug/l	99
18) Methyl Acetate	2.75	43	277581	17.733	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	632225	17.058	ug/l	99
20) Methylene Chloride	2.84	84	191953	16.756	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	179866	16.960	ug/l	98
22) Diisopropyl ether	3.83	45	693586	17.530	ug/l	98
23) Vinyl Acetate	3.79	43	2992154	83.525	ug/l	99
24) 1,1-Dichloroethane	3.67	63	351149	16.856	ug/l	98
25) 2-Butanone	4.64	43	800044	81.112	ug/l	100
26) 2,2-Dichloropropane	4.55	77	303377	17.742	ug/l	100
27) cis-1,2-Dichloroethene	4.57	96	216958	17.682	ug/l	97
28) Bromochloromethane	4.98	49	177487	17.845	ug/l	95
29) Tetrahydrofuran	5.09	42	516144	81.399	ug/l	98
30) Chloroform	5.18	83	349987	17.462	ug/l	100
31) Cyclohexane	5.55	56	307969	17.041	ug/l	98
32) 1,1,1-Trichloroethane	5.47	97	313105	17.262	ug/l	99
36) 1,1-Dichloropropene	5.78	75	256082	18.444	ug/l	99
37) Ethyl Acetate	4.80	43	311565	17.234	ug/l	98
38) Carbon Tetrachloride	5.76	117	266228	17.703	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	299777	18.726	ug/l	97
40) Benzene	6.12	78	758281	18.644	ug/l	95
41) Methacrylonitrile	5.01	41	181248	18.060	ug/l	98
42) 1,2-Dichloroethane	6.16	62	301579	18.460	ug/l	98
43) Isopropyl Acetate	6.42	43	530275	17.375	ug/l	99
44) Trichloroethene	7.19	130	211782	19.093	ug/l	100
45) 1,2-Dichloropropane	7.50	63	206080	18.522	ug/l	99
46) Dibromomethane	7.64	93	132878	18.206	ug/l	94
47) Bromodichloromethane	7.88	83	278126	17.884	ug/l	98
48) Methyl methacrylate	7.75	41	261565	17.159	ug/l	97
49) 1,4-Dioxane	7.72	88	98210	345.357	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	1587882	91.808	ug/l	99
52) Toluene	8.77	92	484917	19.339	ug/l	97
53) t-1,3-Dichloropropene	9.03	75	308075	16.891	ug/l	97
54) cis-1,3-Dichloropropene	8.42	75	332163	17.878	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	200590	19.525	ug/l	97
56) Ethyl methacrylate	9.16	69	322556	17.815	ug/l	96
57) 1,3-Dichloropropane	9.36	76	343405	18.553	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	806062	91.529	ug/l	100
59) 2-Hexanone	9.48	43	1187357	90.931	ug/l	99
60) Dibromochloromethane	9.57	129	221982	17.982	ug/l	98
61) 1,2-Dibromoethane	9.65	107	206611	18.496	ug/l	99
64) Tetrachloroethene	9.32	164	206203	20.087	ug/l	95
65) Chlorobenzene	10.12	112	530997	19.574	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	201521	18.594	ug/l	99
67) Ethyl Benzene	10.24	91	916685	19.052	ug/l	97
68) m/p-Xylenes	10.34	106	700756	39.113	ug/l	99
69) o-Xylene	10.68	106	349711	19.753	ug/l	96
70) Styrene	10.70	104	607915	19.514	ug/l	97
71) Bromoform	10.84	173	170876	17.320	ug/l #	100
73) Isopropylbenzene	11.00	105	925572	19.117	ug/l	99
74) N-amyl acetate	10.88	43	439747	16.331	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.25	83	300657	18.098	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	272402m	17.927	ug/l	
77) Bromobenzene	11.24	156	238809	18.492	ug/l	97
78) n-propylbenzene	11.34	91	1051070	18.986	ug/l	100
79) 2-Chlorotoluene	11.40	91	630413	18.579	ug/l	97
80) 1,3,5-Trimethylbenzene	11.50	105	796429	19.262	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	94528	14.927	ug/l	99
82) 4-Chlorotoluene	11.50	91	735660	18.494	ug/l	99
83) tert-Butylbenzene	11.76	119	758118	18.771	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	791433	18.783	ug/l	100
85) sec-Butylbenzene	11.93	105	899644	19.260	ug/l	100
86) p-Isopropyltoluene	12.05	119	828066	19.096	ug/l	98
87) 1,3-Dichlorobenzene	12.01	146	443441	19.181	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	442911	18.808	ug/l	99
89) n-Butylbenzene	12.37	91	741934	18.933	ug/l	99
90) Hexachloroethane	12.58	117	138891	16.456	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	439686	19.434	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	67466	14.388	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	342297	19.127	ug/l	98
94) Hexachlorobutadiene	13.77	225	164647	19.324	ug/l	98
95) Naphthalene	13.82	128	1021502	18.712	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	346664	20.119	ug/l	98

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

