

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX022719\
 Data File : VX007742.D
 Acq On : 27 Feb 2019 18:58
 Operator : JC/SP
 Sample : VX0227MBSD01
 Misc : 5.00µL/100µL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0227MBSD01

Manual Integrations
 APPROVED

MMDadoda
 2/28/2019 12:22:59 PM

Quant Time: Feb 28 04:42:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 26 01:53:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	289954	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	426677	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	385148	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	193966	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	181461	50.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.04%	
35) Dibromofluoromethane	5.50	113	147041	51.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.10%	
50) Toluene-d8	8.71	98	554443	50.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.56%	
62) 4-Bromofluorobenzene	11.13	95	196316	48.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.96%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	47971	17.960	ug/l 98
3) Chloromethane	1.33	50	54527	18.422	ug/l 100
4) Vinyl Chloride	1.41	62	55964	18.429	ug/l 97
5) Bromomethane	1.64	94	36815	18.259	ug/l 99
6) Chloroethane	1.73	64	36573	18.851	ug/l 94
7) Trichlorofluoromethane	1.93	101	80075	17.201	ug/l 100
8) Diethyl Ether	2.19	74	34784	18.206	ug/l 90
9) 1,1,2-Trichlorotrifluoroet	2.39	101	46652	16.580	ug/l 99
10) Methyl Iodide	2.51	142	66220	18.901	ug/l 100
11) Tert butyl alcohol	3.07	59	67437	98.960	ug/l 97
12) 1,1-Dichloroethene	2.38	96	45249	17.841	ug/l 94
13) Acrolein	2.30	56	55952	92.399	ug/l 99
14) Allyl chloride	2.73	41	92533	19.731	ug/l 94
15) Acrylonitrile	3.15	53	162499	101.330	ug/l 99
16) Acetone	2.45	43	148774	93.147	ug/l 99
17) Carbon Disulfide	2.57	76	117996	16.722	ug/l 99
18) Methyl Acetate	2.78	43	75314	21.609	ug/l 96
19) Methyl tert-butyl Ether	3.20	73	167005	18.909	ug/l 99
20) Methylene Chloride	2.86	84	52419	17.774	ug/l 92
21) trans-1,2-Dichloroethene	3.17	96	48760	17.684	ug/l 88
22) Diisopropyl ether	3.87	45	193639	19.835	ug/l 96
23) Vinyl Acetate	3.82	43	832667	97.215	ug/l 97
24) 1,1-Dichloroethane	3.70	63	100788	18.996	ug/l 98
25) 2-Butanone	4.70	43	247160	101.589	ug/l 94
26) 2,2-Dichloropropane	4.59	77	68040	16.065	ug/l 99
27) cis-1,2-Dichloroethene	4.60	96	60647	17.286	ug/l 92
28) Bromochloromethane	5.02	49	48630	18.827	ug/l 84
29) Tetrahydrofuran	5.15	42	161296	100.576	ug/l 93
30) Chloroform	5.21	83	101784	17.909	ug/l 99
31) Cyclohexane	5.57	56	89208	17.875	ug/l 93
32) 1,1,1-Trichloroethane	5.49	97	83232	17.708	ug/l 96
36) 1,1-Dichloropropene	5.80	75	74297	19.368	ug/l 97
37) Ethyl Acetate	4.85	43	91579	21.492	ug/l 99
38) Carbon Tetrachloride	5.78	117	72409	18.792	ug/l 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	86442	17.830	ug/l	94
40) Benzene	6.14	78	229392	19.372	ug/l	99
41) Methacrylonitrile	5.06	41	52313	22.991	ug/l	94
42) 1,2-Dichloroethane	6.20	62	83487	20.977	ug/l	100
43) Isopropyl Acetate	6.46	43	139398	21.256	ug/l	97
44) Trichloroethene	7.21	130	62722	19.255	ug/l	94
45) 1,2-Dichloropropane	7.52	63	61585	20.077	ug/l	99
46) Dibromomethane	7.66	93	39086	18.265	ug/l	98
47) Bromodichloromethane	7.90	83	70193	18.928	ug/l	99
48) Methyl methacrylate	7.77	41	74124	21.562	ug/l	92
49) 1,4-Dioxane	7.75	88	29077	391.621	ug/l	92
51) 4-Methyl-2-Pentanone	8.65	43	470825	107.253	ug/l	99
52) Toluene	8.78	92	142298	19.057	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	75006	18.160	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	84777	18.838	ug/l	94
55) 1,1,2-Trichloroethane	9.21	97	59828	19.214	ug/l	97
56) Ethyl methacrylate	9.18	69	87537	19.769	ug/l	95
57) 1,3-Dichloropropane	9.37	76	97775	19.616	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	242413	99.275	ug/l	97
59) 2-Hexanone	9.49	43	360389	104.568	ug/l	98
60) Dibromochloromethane	9.58	129	56449	18.840	ug/l	99
61) 1,2-Dibromoethane	9.67	107	61052	18.885	ug/l	98
64) Tetrachloroethene	9.34	164	64779	20.718	ug/l	99
65) Chlorobenzene	10.14	112	157852	18.950	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	56156	19.326	ug/l	100
67) Ethyl Benzene	10.25	91	261800	18.972	ug/l	100
68) m/p-Xylenes	10.36	106	201159	37.472	ug/l	96
69) o-Xylene	10.69	106	96431	18.675	ug/l	94
70) Styrene	10.71	104	161420	19.019	ug/l	99
71) Bromoform	10.85	173	42627	19.563	ug/l	99
73) Isopropylbenzene	11.02	105	260016	18.756	ug/l	100
74) N-amyl acetate	10.90	43	118796	19.733	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	88472	18.452	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	75213m	18.192	ug/l	
77) Bromobenzene	11.26	156	70918	20.395	ug/l	94
78) n-propylbenzene	11.36	91	289954	18.509	ug/l	98
79) 2-Chlorotoluene	11.42	91	175938	18.652	ug/l	96
80) 1,3,5-Trimethylbenzene	11.51	105	215037	18.858	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	22385	16.645	ug/l	90
82) 4-Chlorotoluene	11.51	91	200882	18.205	ug/l	99
83) tert-Butylbenzene	11.77	119	207390	18.942	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	221135	18.958	ug/l	99
85) sec-Butylbenzene	11.94	105	255390	18.615	ug/l	99
86) p-Isopropyltoluene	12.06	119	227005	18.893	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	123961	19.220	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	123380	18.678	ug/l	98
89) n-Butylbenzene	12.39	91	188157	17.559	ug/l	100
90) Hexachloroethane	12.60	117	34309	16.947	ug/l	91
91) 1,2-Dichlorobenzene	12.39	146	123440	19.128	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	17967	17.198	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	83908	21.301	ug/l	99
94) Hexachlorobutadiene	13.78	225	44970	24.955	ug/l	99
95) Naphthalene	13.83	128	251675	19.720	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	85356	21.580	ug/l	99

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

