

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101719\
 Data File : VX013104.D
 Acq On : 17 Oct 2019 14:01
 Operator : JC/SP
 Sample : VX1017MBS01
 Misc : 5.00µL/100µL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1017MBS01

Manual Integrations
 APPROVED

MMDadoda
 10/18/2019 10:05:36 AM

Quant Time: Oct 18 08:53:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 16 07:26:22 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	158674	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	265882	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	237894	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	107405	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	99710	50.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.56%	
35) Dibromofluoromethane	5.48	113	79551	52.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.26%	
50) Toluene-d8	8.71	98	295974	49.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.46%	
62) 4-Bromofluorobenzene	11.14	95	113923	49.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.52%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	26839	16.594	ug/l	93
3) Chloromethane	1.32	50	27844	15.818	ug/l	98
4) Vinyl Chloride	1.40	62	29733	16.365	ug/l	98
5) Bromomethane	1.63	94	14260	18.882	ug/l	97
6) Chloroethane	1.71	64	18729	17.120	ug/l	97
7) Trichlorofluoromethane	1.92	101	46707	19.047	ug/l	94
8) Diethyl Ether	2.18	74	16559	16.730	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.37	101	29748	18.744	ug/l	98
10) Methyl Iodide	2.50	142	29977	20.060	ug/l	98
11) Tert butyl alcohol	3.03	59	44324	84.309	ug/l	100
12) 1,1-Dichloroethene	2.36	96	29402	18.336	ug/l	96
13) Acrolein	2.28	56	37091	99.276	ug/l	98
14) Allyl chloride	2.72	41	50078	17.537	ug/l	98
15) Acrylonitrile	3.13	53	94879	95.231	ug/l	98
16) Acetone	2.43	43	91169	87.213	ug/l	98
17) Carbon Disulfide	2.56	76	67001	14.654	ug/l	99
18) Methyl Acetate	2.76	43	46376	18.717	ug/l	98
19) Methyl tert-butyl Ether	3.19	73	106987	19.321	ug/l	96
20) Methylene Chloride	2.85	84	34220	17.812	ug/l	93
21) trans-1,2-Dichloroethene	3.15	96	30945	18.006	ug/l	97
22) Diisopropyl ether	3.84	45	102489	18.730	ug/l	94
23) Vinyl Acetate	3.80	43	433448	91.761	ug/l	99
24) 1,1-Dichloroethane	3.69	63	57320	18.621	ug/l	98
25) 2-Butanone	4.66	43	132000	91.016	ug/l	99
26) 2,2-Dichloropropane	4.58	77	48223	18.629	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	37278	18.817	ug/l	99
28) Bromochloromethane	5.01	49	17261	18.481	ug/l	93
29) Tetrahydrofuran	5.12	42	80975	90.733	ug/l	97
30) Chloroform	5.20	83	59789	18.929	ug/l	95
31) Cyclohexane	5.58	56	49873	17.326	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	51793	19.352	ug/l	99
36) 1,1-Dichloropropene	5.79	75	43004	18.396	ug/l	99
37) Ethyl Acetate	4.82	43	46465	17.776	ug/l	97
38) Carbon Tetrachloride	5.78	117	43588	19.157	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	51528	18.176	ug/l	98
40) Benzene	6.14	78	131771	19.085	ug/l	97
41) Methacrylonitrile	5.03	41	27288	18.998	ug/l	99
42) 1,2-Dichloroethane	6.18	62	48675	19.647	ug/l	100
43) Isopropyl Acetate	6.43	43	78838	18.791	ug/l	98
44) Trichloroethene	7.21	130	36007	18.807	ug/l	94
45) 1,2-Dichloropropane	7.51	63	33800	19.208	ug/l	99
46) Dibromomethane	7.65	93	23094	19.698	ug/l	98
47) Bromodichloromethane	7.89	83	43938	19.204	ug/l	99
48) Methyl methacrylate	7.76	41	37553	18.368	ug/l	99
49) 1,4-Dioxane	7.73	88	19236	373.389	ug/l	100
51) 4-Methyl-2-Pentanone	8.64	43	246913	94.394	ug/l	99
52) Toluene	8.78	92	84584	19.149	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	47303	18.017	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	53033	18.846	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	36095	20.649	ug/l	97
56) Ethyl methacrylate	9.17	69	53515	18.302	ug/l	99
57) 1,3-Dichloropropane	9.37	76	58079	19.208	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	132534	103.209	ug/l	100
59) 2-Hexanone	9.48	43	189477	93.054	ug/l	99
60) Dibromochloromethane	9.57	129	34671	19.018	ug/l	97
61) 1,2-Dibromoethane	9.67	107	36827	20.027	ug/l	99
64) Tetrachloroethene	9.33	164	34020	20.618	ug/l	98
65) Chlorobenzene	10.14	112	90837	19.228	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	32835	20.046	ug/l	98
67) Ethyl Benzene	10.25	91	160173	19.087	ug/l	98
68) m/p-Xylenes	10.35	106	121247	38.676	ug/l	99
69) o-Xylene	10.70	106	59119	19.338	ug/l	99
70) Styrene	10.71	104	100802	19.396	ug/l	99
71) Bromoform	10.85	173	23550	18.952	ug/l #	98
73) Isopropylbenzene	11.01	105	161366	20.435	ug/l	99
74) N-amyl acetate	10.89	43	63352	18.628	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	51777	19.714	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	41966m	17.616	ug/l	
77) Bromobenzene	11.25	156	37103	19.939	ug/l	99
78) n-propylbenzene	11.35	91	168046	19.340	ug/l	99
79) 2-Chlorotoluene	11.42	91	110383	20.213	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	135120	20.492	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	14823	18.778	ug/l	95
82) 4-Chlorotoluene	11.51	91	120848	19.307	ug/l	97
83) tert-Butylbenzene	11.76	119	129960	20.205	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	131765	19.731	ug/l	99
85) sec-Butylbenzene	11.94	105	150811	20.238	ug/l	100
86) p-Isopropyltoluene	12.06	119	137903	19.954	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	65435	18.936	ug/l	97
88) 1,4-Dichlorobenzene	12.09	146	68298	19.516	ug/l	99
89) n-Butylbenzene	12.39	91	109461	18.845	ug/l	98
90) Hexachloroethane	12.59	117	21912	18.511	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	66851	19.734	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.99	75	12502	20.309	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	40622	19.142	ug/l	97
94) Hexachlorobutadiene	13.78	225	19754	20.170	ug/l	98
95) Naphthalene	13.83	128	140783	19.138	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	42640	19.444	ug/l	99

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

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