

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082719\
 Data File : VX011852.D
 Acq On : 27 Aug 2019 16:03
 Operator : JC/SP
 Sample : VX0827MBS01
 Misc : 5.00µg/10mL/100µL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 Client Sample ID :
 VX0827MBS01

Manual Integrations
 APPROVED

MMDadoda
 8/28/2019 11:44:22 AM

Quant Time: Aug 28 03:53:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082219W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 23 01:48:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	373823	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	531878	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	477488	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	251631	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	196567	52.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.68%	
35) Dibromofluoromethane	5.49	113	165061	47.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.98%	
50) Toluene-d8	8.71	98	592634	49.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.80%	
62) 4-Bromofluorobenzene	11.13	95	225376	47.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	68938	19.760	ug/l	100
3) Chloromethane	1.32	50	61780	20.192	ug/l	98
4) Vinyl Chloride	1.40	62	59820	19.558	ug/l	100
5) Bromomethane	1.64	94	33966	20.158	ug/l	99
6) Chloroethane	1.72	64	34478	19.280	ug/l	100
7) Trichlorofluoromethane	1.92	101	93074	19.114	ug/l	98
8) Diethyl Ether	2.18	74	31731	19.164	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	56799	18.850	ug/l	98
10) Methyl Iodide	2.50	142	68782	18.688	ug/l	99
11) Tert butyl alcohol	3.03	59	98396	132.599	ug/l	97
12) 1,1-Dichloroethene	2.37	96	55975	19.051	ug/l	94
13) Acrolein	2.28	56	31176	108.685	ug/l	97
14) Allyl chloride	2.72	41	110006	23.954	ug/l	98
15) Acrylonitrile	3.13	53	183484	108.104	ug/l	99
16) Acetone	2.43	43	158883	97.261	ug/l	100
17) Carbon Disulfide	2.56	76	155259	20.899	ug/l	100
18) Methyl Acetate	2.76	43	106775	24.088	ug/l	95
19) Methyl tert-butyl Ether	3.18	73	202070	21.440	ug/l	99
20) Methylene Chloride	2.85	84	62619	18.750	ug/l	88
21) trans-1,2-Dichloroethene	3.16	96	59634	18.817	ug/l	93
22) Diisopropyl ether	3.85	45	206233	23.159	ug/l	97
23) Vinyl Acetate	3.81	43	874452	118.600	ug/l	98
24) 1,1-Dichloroethane	3.69	63	109810	20.885	ug/l	98
25) 2-Butanone	4.66	43	264726	112.901	ug/l	96
26) 2,2-Dichloropropane	4.57	77	92461	20.708	ug/l	97
27) cis-1,2-Dichloroethene	4.59	96	69283	19.063	ug/l	94
28) Bromochloromethane	5.01	49	61400	25.726	ug/l	88
29) Tetrahydrofuran	5.12	42	172882	115.021	ug/l	96
30) Chloroform	5.21	83	113727	19.937	ug/l	98
31) Cyclohexane	5.57	56	103752	22.469	ug/l	89
32) 1,1,1-Trichloroethane	5.49	97	105419	21.260	ug/l	98
36) 1,1-Dichloropropene	5.79	75	81316	19.496	ug/l	100
37) Ethyl Acetate	4.82	43	100896	22.859	ug/l	98
38) Carbon Tetrachloride	5.78	117	96435	20.402	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	100477	19.440	ug/l	97
40) Benzene	6.13	78	243017	18.835	ug/l	99
41) Methacrylonitrile	5.04	41	55599	21.659	ug/l	96
42) 1,2-Dichloroethane	6.19	62	91312	19.360	ug/l	100
43) Isopropyl Acetate	6.44	43	168769	23.624	ug/l	98
44) Trichloroethene	7.21	130	70819	17.806	ug/l	97
45) 1,2-Dichloropropane	7.51	63	64611	19.923	ug/l	98
46) Dibromomethane	7.66	93	43564	18.220	ug/l	99
47) Bromodichloromethane	7.89	83	91678	21.300	ug/l	96
48) Methyl methacrylate	7.76	41	81464	22.914	ug/l	94
49) 1,4-Dioxane	7.73	88	33408	339.148	ug/l	93
51) 4-Methyl-2-Pentanone	8.63	43	514338	109.264	ug/l	98
52) Toluene	8.78	92	155626	18.639	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	101703	22.509	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	108327	21.977	ug/l	95
55) 1,1,2-Trichloroethane	9.21	97	63760	18.329	ug/l	96
56) Ethyl methacrylate	9.17	69	107885	21.808	ug/l	91
57) 1,3-Dichloropropane	9.37	76	107068	19.062	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	293339	112.720	ug/l	99
59) 2-Hexanone	9.49	43	395567	109.485	ug/l	97
60) Dibromochloromethane	9.58	129	79913	21.248	ug/l	99
61) 1,2-Dibromoethane	9.67	107	69438	18.604	ug/l	100
64) Tetrachloroethene	9.33	164	72371	18.998	ug/l	98
65) Chlorobenzene	10.13	112	170054	18.242	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	71040	20.339	ug/l	100
67) Ethyl Benzene	10.25	91	300746	19.305	ug/l	99
68) m/p-Xylenes	10.35	106	230144	38.314	ug/l	99
69) o-Xylene	10.69	106	112688	19.108	ug/l	99
70) Styrene	10.71	104	194597	19.724	ug/l	98
71) Bromoform	10.85	173	68743	22.815	ug/l #	99
73) Isopropylbenzene	11.01	105	301819	19.903	ug/l	100
74) N-amyl acetate	10.89	43	146728	24.993	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.26	83	99765	19.876	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	92923m	21.045	ug/l	
77) Bromobenzene	11.25	156	83986	18.787	ug/l	95
78) n-propylbenzene	11.35	91	330945	20.410	ug/l	98
79) 2-Chlorotoluene	11.41	91	199650	19.791	ug/l	97
80) 1,3,5-Trimethylbenzene	11.50	105	257044	20.316	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	36832	25.157	ug/l	98
82) 4-Chlorotoluene	11.51	91	231820	19.936	ug/l	97
83) tert-Butylbenzene	11.77	119	260321	20.854	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	257474	20.152	ug/l	99
85) sec-Butylbenzene	11.94	105	293206	20.534	ug/l	99
86) p-Isopropyltoluene	12.06	119	275571	20.058	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	144815	18.811	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	142451	18.289	ug/l	96
89) n-Butylbenzene	12.38	91	231324	20.339	ug/l	98
90) Hexachloroethane	12.59	117	55603	26.051	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	143472	18.477	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	26802	22.972	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	108406	18.980	ug/l	99
94) Hexachlorobutadiene	13.78	225	61300	19.586	ug/l	98
95) Naphthalene	13.83	128	327859	20.842	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	112286	19.579	ug/l	99

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

