

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092019\
 Data File : VX012549.D
 Acq On : 20 Sep 2019 12:05
 Operator : JC/SP
 Sample : VX0920MBS01
 Misc : 5.0µl/10mL/100µL/10mL/MSVOA_X/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0920MBS01

Manual Integrations
 APPROVED

MMDadoda
 9/23/2019 11:29:40 AM

Quant Time: Sep 20 16:31:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091719W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 17 15:27:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	186829	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	307638	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	277822	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	129054	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	128015	47.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.62%	
35) Dibromofluoromethane	5.49	113	94422	50.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.42%	
50) Toluene-d8	8.71	98	347802	50.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.92%	
62) 4-Bromofluorobenzene	11.13	95	139177	48.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.28%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.19	85	21958	17.869	ug/l 98
3) Chloromethane	1.32	50	19284	18.775	ug/l 99
4) Vinyl Chloride	1.40	62	20961	18.881	ug/l 97
5) Bromomethane	1.63	94	9570	21.942	ug/l 95
6) Chloroethane	1.71	64	15250	17.554	ug/l 97
7) Trichlorofluoromethane	1.92	101	38736	19.034	ug/l 95
8) Diethyl Ether	2.18	74	17540	19.082	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	28198	19.151	ug/l 98
10) Methyl Iodide	2.50	142	21260	19.773	ug/l 97
11) Tert butyl alcohol	3.03	59	62609	88.408	ug/l 99
12) 1,1-Dichloroethene	2.36	96	22268	18.958	ug/l 98
13) Acrolein	2.28	56	20541	86.262	ug/l 99
14) Allyl chloride	2.72	41	51238	18.737	ug/l 98
15) Acrylonitrile	3.13	53	112005	96.529	ug/l 100
16) Acetone	2.43	43	116497	90.128	ug/l 99
17) Carbon Disulfide	2.56	76	26972	17.457	ug/l 98
18) Methyl Acetate	2.77	43	53556	19.194	ug/l 97
19) Methyl tert-butyl Ether	3.19	73	121607	18.988	ug/l 99
20) Methylene Chloride	2.85	84	30163	18.613	ug/l 94
21) trans-1,2-Dichloroethene	3.15	96	24105	19.762	ug/l 98
22) Diisopropyl ether	3.84	45	123854	19.343	ug/l 98
23) Vinyl Acetate	3.80	43	512565	97.314	ug/l 100
24) 1,1-Dichloroethane	3.69	63	59817	19.525	ug/l 98
25) 2-Butanone	4.66	43	168059	90.482	ug/l 98
26) 2,2-Dichloropropane	4.57	77	54130	17.966	ug/l 98
27) cis-1,2-Dichloroethene	4.58	96	35414	19.436	ug/l 99
28) Bromochloromethane	5.00	49	30701	19.438	ug/l 96
29) Tetrahydrofuran	5.11	42	99587	97.055	ug/l 99
30) Chloroform	5.20	83	66134	18.797	ug/l 99
31) Cyclohexane	5.57	56	35609	19.255	ug/l 96
32) 1,1,1-Trichloroethane	5.48	97	54415	18.504	ug/l 98
36) 1,1-Dichloropropene	5.79	75	34844	18.636	ug/l 96
37) Ethyl Acetate	4.82	43	58789	20.484	ug/l 97
38) Carbon Tetrachloride	5.78	117	43517	18.714	ug/l 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	34940	19.223	ug/l	98
40) Benzene	6.14	78	119313	20.068	ug/l	99
41) Methacrylonitrile	5.03	41	34402	18.616	ug/l	96
42) 1,2-Dichloroethane	6.19	62	54072	19.608	ug/l	99
43) Isopropyl Acetate	6.44	43	99123	19.243	ug/l	99
44) Trichloroethene	7.21	130	32252	20.622	ug/l	97
45) 1,2-Dichloropropane	7.51	63	36337	19.893	ug/l	97
46) Dibromomethane	7.65	93	22750	19.246	ug/l	99
47) Bromodichloromethane	7.89	83	49809	18.925	ug/l	98
48) Methyl methacrylate	7.76	41	45415	18.704	ug/l	97
49) 1,4-Dioxane	7.73	88	22304	377.414	ug/l	96
51) 4-Methyl-2-Pentanone	8.64	43	328875	97.358	ug/l	98
52) Toluene	8.78	92	77307	20.179	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	52412	19.157	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	55544	19.610	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	38705	19.610	ug/l	99
56) Ethyl methacrylate	9.17	69	60018	19.449	ug/l	98
57) 1,3-Dichloropropane	9.37	76	62253	19.768	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	172742	108.138	ug/l	99
59) 2-Hexanone	9.49	43	251762	95.531	ug/l	99
60) Dibromochloromethane	9.57	129	39040	19.418	ug/l	99
61) 1,2-Dibromoethane	9.67	107	37068	20.563	ug/l	99
64) Tetrachloroethene	9.33	164	30613	24.046	ug/l	92
65) Chlorobenzene	10.14	112	90661	19.772	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	37393	19.649	ug/l	98
67) Ethyl Benzene	10.25	91	155650	19.757	ug/l	99
68) m/p-Xylenes	10.36	106	115866	40.422	ug/l	98
69) o-Xylene	10.70	106	59269	20.106	ug/l	98
70) Styrene	10.71	104	103460	19.836	ug/l	99
71) Bromoform	10.86	173	26763	18.266	ug/l #	100
73) Isopropylbenzene	11.01	105	165681	20.461	ug/l	98
74) N-amyl acetate	10.89	43	86147	19.761	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	63206	19.899	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	60815m	20.515	ug/l	
77) Bromobenzene	11.25	156	40039	20.275	ug/l	97
78) n-propylbenzene	11.35	91	182357	20.206	ug/l	97
79) 2-Chlorotoluene	11.42	91	117062	19.938	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	140828	20.393	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	18027	18.757	ug/l	93
82) 4-Chlorotoluene	11.51	91	134886	20.018	ug/l	99
83) tert-Butylbenzene	11.76	119	144654	19.548	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	143263	20.205	ug/l	99
85) sec-Butylbenzene	11.94	105	162894	19.977	ug/l	99
86) p-Isopropyltoluene	12.06	119	148364	19.815	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	75158	20.232	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	74707	19.578	ug/l	98
89) n-Butylbenzene	12.39	91	122937	18.402	ug/l	99
90) Hexachloroethane	12.59	117	25321	18.443	ug/l	94
91) 1,2-Dichlorobenzene	12.39	146	79360	20.440	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	15750	19.126	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	49033	19.606	uq/l	99
94) Hexachlorobutadiene	13.78	225	20899	17.731	uq/l	100
95) Naphthalene	13.83	128	177376	19.933	uq/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	50485	19.810	uq/l	98

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

