

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091418\
 Data File : VX004537.D
 Acq On : 14 Sep 2018 14:00
 Operator : JC/MD
 Sample : VX0914MBS01
 Misc : 5.00µL/100µL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0914MBS01

Manual Integrations
 APPROVED

apatel
 9/18/2018 11:30:47 AM

Quant Time: Sep 15 05:28:11 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 12 02:17:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	278794	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	354587	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	332265	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	199362	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	180458	50.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.40%	
35) Dibromofluoromethane	5.50	113	156765	48.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.62%	
50) Toluene-d8	8.72	98	526644	48.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.80%	
62) 4-Bromofluorobenzene	11.14	95	191929	49.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.82%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	52688	20.16	ug/l	100
3) Chloromethane	1.32	50	66545	18.51	ug/l	100
4) Vinyl Chloride	1.40	62	72100	19.54	ug/l	100
5) Bromomethane	1.64	94	29494	18.34	ug/l	96
6) Chloroethane	1.72	64	43940	18.41	ug/l	91
7) Trichlorofluoromethane	1.93	101	93813	19.17	ug/l	92
8) Diethyl Ether	2.19	74	44158	20.13	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	59900	19.30	ug/l	100
10) Methyl Iodide	2.51	142	45747	15.54	ug/l	95
11) Tert butyl alcohol	3.07	59	81404	94.90	ug/l	99
12) 1,1-Dichloroethene	2.37	96	57794	19.84	ug/l	87
13) Acrolein	2.29	56	43198	127.58	ug/l	99
14) Allyl chloride	2.73	41	112304	18.75	ug/l	98
15) Acrylonitrile	3.15	53	192410	93.15	ug/l	98
16) Acetone	2.45	43	157698	89.88	ug/l	98
17) Carbon Disulfide	2.57	76	155806	18.50	ug/l	98
18) Methyl Acetate	2.78	43	95292	19.36	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	201701	19.73	ug/l	99
20) Methylene Chloride	2.85	84	68578	19.05	ug/l	92
21) trans-1,2-Dichloroethene	3.16	96	62058	19.28	ug/l	98
22) Diisopropyl ether	3.87	45	213167	19.76	ug/l	95
23) Vinyl Acetate	3.82	43	860006	98.52	ug/l	99
24) 1,1-Dichloroethane	3.69	63	118300	19.43	ug/l	98
25) 2-Butanone	4.70	43	248727	89.07	ug/l	92
26) 2,2-Dichloropropane	4.58	77	86495	20.68	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	72080	20.06	ug/l	99
28) Bromochloromethane	5.02	49	59117	21.22	ug/l	98
29) Tetrahydrofuran	5.15	42	162518	96.51	ug/l	98
30) Chloroform	5.21	83	114789	19.31	ug/l	99
31) Cyclohexane	5.57	56	103335	19.87	ug/l	94
32) 1,1,1-Trichloroethane	5.49	97	95960	20.04	ug/l	98
36) 1,1-Dichloropropene	5.80	75	85992	19.98	ug/l	98
37) Ethyl Acetate	4.86	43	92352	18.86	ug/l	99
38) Carbon Tetrachloride	5.78	117	81280	19.33	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	86979	19.36	ug/l	97
40) Benzene	6.14	78	268087	20.99	ug/l	97
41) Methacrylonitrile	5.06	41	52590	19.49	ug/l	99
42) 1,2-Dichloroethane	6.20	62	84367	19.92	ug/l	100
43) Isopropyl Acetate	6.46	43	131143	20.17	ug/l	99
44) Trichloroethene	7.21	130	65656	19.79	ug/l	91
45) 1,2-Dichloropropane	7.52	63	60683	19.74	ug/l	100
46) Dibromomethane	7.66	93	37574	19.35	ug/l	98
47) Bromodichloromethane	7.90	83	69783	19.00	ug/l	97
48) Methyl methacrylate	7.78	41	62387	19.38	ug/l	99
49) 1,4-Dioxane	7.76	88	30557	401.16	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	414321	90.28	ug/l	98
52) Toluene	8.79	92	149407	19.85	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	89986	20.98	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	88102	20.15	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	68420	21.12	ug/l	99
56) Ethyl methacrylate	9.18	69	93627	20.43	ug/l	98
57) 1,3-Dichloropropane	9.37	76	111029	21.09	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	230354	103.04	ug/l	95
59) 2-Hexanone	9.50	43	352355	100.10	ug/l	97
60) Dibromochloromethane	9.59	129	61706	20.23	ug/l	96
61) 1,2-Dibromoethane	9.68	107	60669	19.60	ug/l	100
64) Tetrachloroethene	9.34	164	80575	19.42	ug/l #	89
65) Chlorobenzene	10.14	112	162617	19.70	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.23	131	55445	19.48	ug/l	99
67) Ethyl Benzene	10.26	91	276431	20.60	ug/l	98
68) m/p-Xylenes	10.36	106	220310	42.62	ug/l	96
69) o-Xylene	10.70	106	101963	20.52	ug/l	100
70) Styrene	10.71	104	170151	20.67	ug/l	99
71) Bromoform	10.86	173	43153	18.47	ug/l #	99
73) Isopropylbenzene	11.02	105	276524	21.06	ug/l	100
74) N-amyl acetate	10.90	43	107891	19.52	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	82936	19.58	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	78231m	19.50	ug/l	
77) Bromobenzene	11.26	156	73343	20.21	ug/l	98
78) n-propylbenzene	11.36	91	317298	21.02	ug/l	100
79) 2-Chlorotoluene	11.42	91	187222	20.45	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	234248	21.22	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.08	75	22560	17.93	ug/l	99
82) 4-Chlorotoluene	11.51	91	218857	20.48	ug/l	99
83) tert-Butylbenzene	11.77	119	219926	20.93	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	250237	22.21	ug/l	99
85) sec-Butylbenzene	11.94	105	279809	20.90	ug/l	99
86) p-Isopropyltoluene	12.07	119	250758	21.21	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	135889	20.07	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	137805	19.70	ug/l	98
89) n-Butylbenzene	12.39	91	214715	19.93	ug/l	98
90) Hexachloroethane	12.60	117	35288	18.64	ug/l	96
91) 1,2-Dichlorobenzene	12.40	146	136594	19.93	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	17533	19.39	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	98217	20.24	ug/l	99
94) Hexachlorobutadiene	13.79	225	48761	19.24	ug/l	97
95) Naphthalene	13.83	128	284705	20.92	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	102127	20.49	ug/l	98

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

