

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062918\
 Data File : VX003048.D
 Acq On : 30 Jun 2018 00:17
 Operator : JC/MD
 Sample : VX0629MBS01
 Misc : 5.00µg/10mL/100µL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0629MBS01

Manual Integrations
 APPROVED

apatel
 7/2/2018 4:15:41 PM

Quant Time: Jun 30 03:19:02 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	271127	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	375838	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	356931	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	217626	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	185687	49.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.10%	
35) Dibromofluoromethane	5.51	113	151511	50.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.82%	
50) Toluene-d8	8.72	98	540952	49.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.54%	
62) 4-Bromofluorobenzene	11.14	95	203533	48.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	56863	23.33	ug/l	99
3) Chloromethane	1.32	50	56814	21.93	ug/l	100
4) Vinyl Chloride	1.40	62	63542	20.72	ug/l	90
5) Bromomethane	1.64	94	25553	16.00	ug/l	98
6) Chloroethane	1.72	64	39969	20.99	ug/l	96
7) Trichlorofluoromethane	1.93	101	98010	18.95	ug/l	99
8) Diethyl Ether	2.19	74	36193	19.25	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	55344	18.47	ug/l	98
10) Methyl Iodide	2.51	142	50947	20.90	ug/l	98
11) Tert butyl alcohol	3.08	59	72624	97.28	ug/l	99
12) 1,1-Dichloroethene	2.37	96	51118	19.12	ug/l	97
13) Acrolein	2.30	56	38060	94.63	ug/l	95
14) Allyl chloride	2.73	41	98034	18.60	ug/l	96
15) Acrylonitrile	3.15	53	159857	100.25	ug/l	98
16) Acetone	2.45	43	145878	94.00	ug/l	98
17) Carbon Disulfide	2.57	76	136800	19.20	ug/l	98
18) Methyl Acetate	2.78	43	77017	17.75	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	181349	18.87	ug/l	99
20) Methylene Chloride	2.86	84	57578	19.06	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	55734	19.14	ug/l	95
22) Diisopropyl ether	3.88	45	196983	19.55	ug/l	98
23) Vinyl Acetate	3.83	43	840606	98.53	ug/l	99
24) 1,1-Dichloroethane	3.70	63	104697	19.12	ug/l	98
25) 2-Butanone	4.71	43	233112	101.21	ug/l	96
26) 2,2-Dichloropropane	4.59	77	57739	12.97	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	63283	19.38	ug/l	97
28) Bromochloromethane	5.03	49	54504	20.79	ug/l	92
29) Tetrahydrofuran	5.17	42	148748	100.71	ug/l	97
30) Chloroform	5.22	83	110577	19.68	ug/l	96
31) Cyclohexane	5.58	56	86580	18.42	ug/l	94
32) 1,1,1-Trichloroethane	5.49	97	96797	19.58	ug/l	98
36) 1,1-Dichloropropene	5.80	75	78971	19.16	ug/l	98
37) Ethyl Acetate	4.87	43	88948	20.04	ug/l	97
38) Carbon Tetrachloride	5.79	117	85486	18.90	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	82486	17.18	ug/l	98
40) Benzene	6.15	78	237129	19.80	ug/l	99
41) Methacrylonitrile	5.07	41	49624	19.42	ug/l	98
42) 1,2-Dichloroethane	6.20	62	92529	19.13	ug/l	99
43) Isopropyl Acetate	6.48	43	140303	18.85	ug/l	98
44) Trichloroethene	7.22	130	68995	19.32	ug/l	100
45) 1,2-Dichloropropane	7.52	63	61906	19.49	ug/l	100
46) Dibromomethane	7.67	93	42605	19.33	ug/l	96
47) Bromodichloromethane	7.90	83	78487	19.26	ug/l	97
48) Methyl methacrylate	7.78	41	72075	18.79	ug/l	97
49) 1,4-Dioxane	7.76	88	30513	408.97	ug/l	100
51) 4-Methyl-2-Pentanone	8.65	43	465940	100.06	ug/l	98
52) Toluene	8.79	92	150855	19.66	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	85141	18.45	ug/l	100
54) cis-1,3-Dichloropropene	9.04	75	76885	17.31	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	62754	19.91	ug/l	97
56) Ethyl methacrylate	9.18	69	89768	19.48	ug/l	94
57) 1,3-Dichloropropane	9.37	76	101783	19.66	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	348339	156.72	ug/l	98
59) 2-Hexanone	9.50	43	351339	99.28	ug/l	97
60) Dibromochloromethane	9.59	129	61731	18.60	ug/l	98
61) 1,2-Dibromoethane	9.68	107	65239	19.73	ug/l	99
64) Tetrachloroethene	9.34	164	79388	20.00	ug/l	98
65) Chlorobenzene	10.14	112	172624	19.04	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	63624	19.32	ug/l	99
67) Ethyl Benzene	10.26	91	286967	19.16	ug/l	99
68) m/p-Xylenes	10.36	106	221997	38.46	ug/l	99
69) o-Xylene	10.70	106	109763	19.53	ug/l	97
70) Styrene	10.71	104	180688	19.79	ug/l	99
71) Bromoform	10.86	173	48552	18.95	ug/l	97
73) Isopropylbenzene	11.02	105	291100	19.88	ug/l	100
74) N-amyl acetate	6.48	43	140303	19.59	ug/l #	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	91956	20.39	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	80914m	20.53	ug/l	
77) Bromobenzene	11.26	156	82182	19.71	ug/l	97
78) n-propylbenzene	11.36	91	322092	19.33	ug/l	99
79) 2-Chlorotoluene	11.43	91	199243	19.75	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	241114	19.55	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	19089	16.47	ug/l	95
82) 4-Chlorotoluene	11.51	91	231625	19.39	ug/l	98
83) tert-Butylbenzene	11.77	119	232606	19.14	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	249636	19.54	ug/l	98
85) sec-Butylbenzene	11.95	105	275097	18.66	ug/l	99
86) p-Isopropyltoluene	12.07	119	248635	18.76	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	148050	19.44	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	149490	19.08	ug/l	100
89) n-Butylbenzene	12.39	91	201086	17.43	ug/l	100
90) Hexachloroethane	12.60	117	34727	17.62	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	148859	19.37	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	19180	18.92	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	103276	18.46	ug/l	99
94) Hexachlorobutadiene	13.79	225	50750	18.19	ug/l	98
95) Naphthalene	13.84	128	298348	20.03	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	106507	19.06	ug/l	100

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

