

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062618\
 Data File : VX002905.D
 Acq On : 26 Jun 2018 20:38
 Operator : JC/MD
 Sample : VX0626MBS02
 Misc : 5.00µg/10mL/100µL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0626MBS02

Manual Integrations
 APPROVED

MMDadoda
 6/28/2018 3:12:09 PM

Quant Time: Jun 27 04:03:11 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	252889	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	351907	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	336362	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	206419	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	176659	50.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.08%	
35) Dibromofluoromethane	5.51	113	137966	49.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.02%	
50) Toluene-d8	8.72	98	505305	49.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.30%	
62) 4-Bromofluorobenzene	11.14	95	190970	48.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.32%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	43855	19.24	ug/l	99
3) Chloromethane	1.32	50	47035	19.33	ug/l	99
4) Vinyl Chloride	1.40	62	54190	18.95	ug/l	93
5) Bromomethane	1.64	94	28013	19.31	ug/l	99
6) Chloroethane	1.72	64	35173	19.68	ug/l	98
7) Trichlorofluoromethane	1.93	101	94696	19.63	ug/l	100
8) Diethyl Ether	2.19	74	34371	19.60	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	52600	18.82	ug/l	99
10) Methyl Iodide	2.51	142	42620	19.39	ug/l	99
11) Tert butyl alcohol	3.08	59	77838	111.78	ug/l	99
12) 1,1-Dichloroethene	2.37	96	48499	19.45	ug/l	96
13) Acrolein	2.29	56	49783	131.01	ug/l	100
14) Allyl chloride	2.73	41	96936	19.72	ug/l	99
15) Acrylonitrile	3.15	53	154425	103.83	ug/l	99
16) Acetone	2.45	43	147990	102.23	ug/l	96
17) Carbon Disulfide	2.57	76	122605	18.45	ug/l	99
18) Methyl Acetate	2.78	43	90830	22.44	ug/l	97
19) Methyl tert-butyl Ether	3.21	73	181934	20.29	ug/l	100
20) Methylene Chloride	2.86	84	55245	19.61	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	52430	19.30	ug/l	95
22) Diisopropyl ether	3.88	45	188665	20.08	ug/l	99
23) Vinyl Acetate	3.83	43	778542	97.84	ug/l	99
24) 1,1-Dichloroethane	3.70	63	100581	19.69	ug/l	100
25) 2-Butanone	4.71	43	223646	104.10	ug/l	98
26) 2,2-Dichloropropane	4.59	77	70645	17.01	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	59926	19.68	ug/l	99
28) Bromochloromethane	5.03	49	51999	21.27	ug/l	97
29) Tetrahydrofuran	5.17	42	141681	102.84	ug/l	98
30) Chloroform	5.22	83	105005	20.03	ug/l	99
31) Cyclohexane	5.58	56	84708	19.32	ug/l	95
32) 1,1,1-Trichloroethane	5.50	97	92135	19.98	ug/l	99
36) 1,1-Dichloropropene	5.80	75	72631	18.82	ug/l	98
37) Ethyl Acetate	4.87	43	83168	20.02	ug/l	98
38) Carbon Tetrachloride	5.79	117	81946	19.35	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	83455	18.57	ug/l	98
40) Benzene	6.15	78	222029	19.80	ug/l	99
41) Methacrylonitrile	5.07	41	47669	19.92	ug/l	97
42) 1,2-Dichloroethane	6.20	62	88120	19.45	ug/l	100
43) Isopropyl Acetate	6.47	43	136666	19.61	ug/l	100
44) Trichloroethene	7.22	130	64156	19.19	ug/l	99
45) 1,2-Dichloropropane	7.52	63	58598	19.70	ug/l	99
46) Dibromomethane	7.66	93	41020	19.87	ug/l	98
47) Bromodichloromethane	7.90	83	75474	19.78	ug/l	98
48) Methyl methacrylate	7.78	41	72091	20.08	ug/l	99
49) 1,4-Dioxane	7.76	88	29005	415.20	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	452141	103.70	ug/l	99
52) Toluene	8.79	92	142711	19.87	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	83210	19.25	ug/l	96
54) cis-1,3-Dichloropropene	9.04	75	76297	18.35	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	59027	20.00	ug/l	97
56) Ethyl methacrylate	9.18	69	85025	19.71	ug/l	97
57) 1,3-Dichloropropane	9.38	76	97939	20.20	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	211619	101.68	ug/l	99
59) 2-Hexanone	9.50	43	344760	104.04	ug/l	99
60) Dibromochloromethane	9.59	129	61034	19.64	ug/l	100
61) 1,2-Dibromoethane	9.68	107	62098	20.06	ug/l	100
64) Tetrachloroethene	9.34	164	73186	19.57	ug/l	97
65) Chlorobenzene	10.14	112	164786	19.29	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	61119	19.69	ug/l	100
67) Ethyl Benzene	10.26	91	277879	19.69	ug/l	97
68) m/p-Xylenes	10.36	106	215443	39.61	ug/l	100
69) o-Xylene	10.70	106	105026	19.83	ug/l	99
70) Styrene	10.71	104	170302	19.79	ug/l	99
71) Bromoform	10.86	173	46113	19.06	ug/l #	99
73) Isopropylbenzene	11.02	105	285555	20.56	ug/l	100
74) N-amyl acetate	6.47	43	136666	20.11	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	89317	20.88	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	86592m	23.16	ug/l	
77) Bromobenzene	11.26	156	79520	20.11	ug/l	98
78) n-propylbenzene	11.37	91	322276	20.39	ug/l	100
79) 2-Chlorotoluene	11.42	91	193558	20.23	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	242905	20.77	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	19891	17.76	ug/l	89
82) 4-Chlorotoluene	11.51	91	227500	20.08	ug/l	100
83) tert-Butylbenzene	11.77	119	236877	20.55	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	249667	20.60	ug/l	99
85) sec-Butylbenzene	11.95	105	285350	20.41	ug/l	99
86) p-Isopropyltoluene	12.07	119	253963	20.20	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	144309	19.98	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	146995	19.78	ug/l	100
89) n-Butylbenzene	12.39	91	212798	19.45	ug/l	99
90) Hexachloroethane	12.60	117	34644	18.53	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	144310	19.80	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	18592	19.33	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	104698	19.73	ug/l	99
94) Hexachlorobutadiene	13.79	225	49909	18.86	ug/l	98
95) Naphthalene	13.84	128	289276	20.47	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	106083	20.02	ug/l	99

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

