

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062718\
 Data File : VU024930.D
 Acq On : 26 Jun 2018 19:31
 Operator : MD/SY
 Sample : VU0627MBS01
 Misc : 5.00µl/10ml/100µL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0627MBS01

Manual Integrations
 APPROVED

apatel
 6/28/2018 4:38:10 PM

Quant Time: Jun 27 04:32:01 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 13 13:55:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	178491	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	269465	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	249832	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	146733	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	140730	48.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.60%	
35) Dibromofluoromethane	4.89	113	110188	49.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.54%	
50) Toluene-d8	7.57	98	375397	46.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.04%	
62) 4-Bromofluorobenzene	10.31	95	150717	46.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.08%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	41372	18.52	ug/l	99
3) Chloromethane	1.33	50	42054	18.42	ug/l	98
4) Vinyl Chloride	1.40	62	44520	18.91	ug/l	98
5) Bromomethane	1.62	94	29754	26.15	ug/l	99
6) Chloroethane	1.70	64	29307	21.68	ug/l	97
7) Trichlorofluoromethane	1.89	101	74591	20.76	ug/l	98
8) Diethyl Ether	2.10	74	27697	21.59	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	2.29	101	43622	19.57	ug/l	96
10) Methyl Iodide	2.41	142	40308	24.40	ug/l	99
11) Tert butyl alcohol	2.83	59	73717	104.02	ug/l	98
12) 1,1-Dichloroethene	2.28	96	40065	19.71	ug/l	95
13) Acrolein	2.19	56	22617	60.77	ug/l	94
14) Allyl chloride	2.59	41	70663	18.73	ug/l	98
15) Acrylonitrile	2.93	53	143753	104.26	ug/l	99
16) Acetone	2.32	43	162917	104.06	ug/l	99
17) Carbon Disulfide	2.48	76	105361	16.19	ug/l	99
18) Methyl Acetate	2.62	43	80033	23.84	ug/l	99
19) Methyl tert-butyl Ether	3.00	73	160990	21.07	ug/l	95
20) Methylene Chloride	2.70	84	52632	21.42	ug/l	97
21) trans-1,2-Dichloroethene	2.99	96	42909	19.17	ug/l	96
22) Diisopropyl ether	3.57	45	154442	20.65	ug/l	92
23) Vinyl Acetate	3.53	43	664286	99.13	ug/l	99
24) 1,1-Dichloroethane	3.45	63	89095	20.70	ug/l	98
25) 2-Butanone	4.26	43	219990	104.61	ug/l	97
26) 2,2-Dichloropropane	4.23	77	83486	20.43	ug/l	99
27) cis-1,2-Dichloroethene	4.23	96	52366	20.35	ug/l	98
28) Bromochloromethane	4.55	49	42909	22.64	ug/l	88
29) Tetrahydrofuran	4.64	42	132592	101.81	ug/l	97
30) Chloroform	4.68	83	92491	21.23	ug/l	97
31) Cyclohexane	5.00	56	78265	19.27	ug/l	92
32) 1,1,1-Trichloroethane	4.92	97	84870	21.07	ug/l	97
36) 1,1-Dichloropropene	5.14	75	63480	20.05	ug/l	97
37) Ethyl Acetate	4.38	43	75778	21.96	ug/l	97
38) Carbon Tetrachloride	5.14	117	74577	21.42	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	79013	20.00	µg/l	93
40) Benzene	5.39	78	191795	21.26	µg/l	98
41) Methacrylonitrile	4.55	41	44034	23.66	µg/l	98
42) 1,2-Dichloroethane	5.41	62	80477	23.42	µg/l	98
43) Isopropyl Acetate	5.55	43	123353	20.68	µg/l	99
44) Trichloroethene	6.19	130	52402	20.41	µg/l	92
45) 1,2-Dichloropropane	6.44	63	52229	21.69	µg/l	99
46) Dibromomethane	6.56	93	37475	22.16	µg/l	96
47) Bromodichloromethane	6.76	83	71802	21.32	µg/l	99
48) Methyl methacrylate	6.62	41	63759	21.95	µg/l	96
49) 1,4-Dioxane	6.62	88	29102	512.29	µg/l	97
51) 4-Methyl-2-Pentanone	7.46	43	410001	109.40	µg/l	99
52) Toluene	7.64	92	123615	21.30	µg/l	98
53) t-1,3-Dichloropropene	7.88	75	76495	20.23	µg/l	95
54) cis-1,3-Dichloropropene	7.27	75	79834	19.81	µg/l	96
55) 1,1,2-Trichloroethane	8.07	97	52818	22.38	µg/l	97
56) Ethyl methacrylate	8.02	69	83684	21.19	µg/l	99
57) 1,3-Dichloropropane	8.25	76	85788	21.55	µg/l	98
58) 2-Chloroethyl Vinyl ether	7.13	63	47374	31.31	µg/l	95
59) 2-Hexanone	8.36	43	331373	108.30	µg/l	99
60) Dibromochloromethane	8.48	129	58608	19.92	µg/l	99
61) 1,2-Dibromoethane	8.59	107	55744	21.23	µg/l	100
64) Tetrachloroethene	8.23	164	47458	19.98	µg/l	96
65) Chlorobenzene	9.12	112	141509	22.17	µg/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	51902	21.40	µg/l	95
67) Ethyl Benzene	9.25	91	241530	21.59	µg/l	100
68) m/p-Xylenes	9.38	106	185697	43.22	µg/l	100
69) o-Xylene	9.78	106	93382	21.96	µg/l	97
70) Styrene	9.80	104	148440	21.24	µg/l	98
71) Bromoform	9.96	173	45058	19.55	µg/l #	99
73) Isopropylbenzene	10.17	105	255115	22.65	µg/l	99
74) N-amyl acetate	10.01	43	107936	20.14	µg/l	97
75) 1,1,2,2-Tetrachloroethane	10.46	83	87299	23.12	µg/l	98
76) 1,2,3-Trichloropropane	10.50	75	75033m	23.23	µg/l	
77) Bromobenzene	10.45	156	63799	22.37	µg/l	96
78) n-propylbenzene	10.59	91	280678	21.15	µg/l	98
79) 2-Chlorotoluene	10.66	91	173217	22.13	µg/l	98
80) 1,3,5-Trimethylbenzene	10.77	105	216577	22.18	µg/l	99
81) trans-1,4-Dichloro-2-buten	10.51	75	27009m	19.35	µg/l	
82) 4-Chlorotoluene	10.78	91	197687	21.70	µg/l	100
83) tert-Butylbenzene	11.10	119	219980	23.42	µg/l	100
84) 1,2,4-Trimethylbenzene	11.15	105	219203	22.03	µg/l	100
85) sec-Butylbenzene	11.33	105	260171	22.13	µg/l	98
86) p-Isopropyltoluene	11.48	119	227971	21.65	µg/l	99
87) 1,3-Dichlorobenzene	11.42	146	114761	21.78	µg/l	98
88) 1,4-Dichlorobenzene	11.51	146	116779	22.02	µg/l	99
89) n-Butylbenzene	11.89	91	180573	19.32	µg/l	97
90) Hexachloroethane	12.15	117	39891	19.42	µg/l	97
91) 1,2-Dichlorobenzene	11.88	146	119549	22.65	µg/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	22566	21.66	µg/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.51	180	73465	22.54	ug/l	98
94) Hexachlorobutadiene	13.70	225	40760	22.22	ug/l	99
95) Naphthalene	13.74	128	245779	23.15	ug/l	100
96) 1,2,3-Trichlorobenzene	13.99	180	77860	23.98	ug/l	98

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

