

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062718\
 Data File : VU024984.D
 Acq On : 27 Jun 2018 22:55
 Operator : MD/SY
 Sample : VU0627MBSD04
 Misc : 5.00µg/10mL/100µL/5.00ML/MSVOA_U/MEOH
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0627MBSD04

Manual Integrations
 APPROVED

MMDadoda
 6/28/2018 4:37:04 PM

Quant Time: Jun 28 05:14:19 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	179076	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	278295	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	253629	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	149830	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	143217	48.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.98%	
35) Dibromofluoromethane	4.89	113	114090	49.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.80%	
50) Toluene-d8	7.57	98	386197	45.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.68%	
62) 4-Bromofluorobenzene	10.31	95	157796	47.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	36971	16.49	ug/l	95
3) Chloromethane	1.33	50	40957	17.89	ug/l	98
4) Vinyl Chloride	1.40	62	43772	18.53	ug/l	100
5) Bromomethane	1.62	94	28195	24.70	ug/l	96
6) Chloroethane	1.70	64	27537	20.24	ug/l	98
7) Trichlorofluoromethane	1.89	101	71966	19.97	ug/l	99
8) Diethyl Ether	2.10	74	27742	21.55	ug/l	87
9) 1,1,2-Trichlorotrifluoroet	2.29	101	41889	18.73	ug/l	97
10) Methyl Iodide	2.41	142	46747	27.38	ug/l	99
11) Tert butyl alcohol	2.82	59	67184	94.49	ug/l	100
12) 1,1-Dichloroethene	2.29	96	38898	19.08	ug/l	93
13) Acrolein	2.19	56	19666	52.67	ug/l	94
14) Allyl chloride	2.60	41	69863	18.45	ug/l	95
15) Acrylonitrile	2.94	53	137389	99.32	ug/l	98
16) Acetone	2.32	43	129821	82.65	ug/l	97
17) Carbon Disulfide	2.48	76	112299	17.20	ug/l	99
18) Methyl Acetate	2.62	43	79225	23.53	ug/l	98
19) Methyl tert-butyl Ether	3.00	73	155406	20.28	ug/l	95
20) Methylene Chloride	2.70	84	49381	20.04	ug/l	96
21) trans-1,2-Dichloroethene	2.99	96	43172	19.22	ug/l	95
22) Diisopropyl ether	3.57	45	148427	19.78	ug/l	92
23) Vinyl Acetate	3.53	43	620663	92.32	ug/l	99
24) 1,1-Dichloroethane	3.45	63	86334	20.00	ug/l	99
25) 2-Butanone	4.26	43	196116	92.95	ug/l	97
26) 2,2-Dichloropropane	4.23	77	67902	16.56	ug/l	100
27) cis-1,2-Dichloroethene	4.23	96	51616	19.99	ug/l	99
28) Bromochloromethane	4.55	49	37579	19.76	ug/l	87
29) Tetrahydrofuran	4.63	42	125559	96.10	ug/l	96
30) Chloroform	4.68	83	90154	20.63	ug/l	99
31) Cyclohexane	5.00	56	79783	19.61	ug/l	95
32) 1,1,1-Trichloroethane	4.92	97	82254	20.35	ug/l	96
36) 1,1-Dichloropropene	5.14	75	63227	19.33	ug/l	98
37) Ethyl Acetate	4.38	43	71272	20.00	ug/l	98
38) Carbon Tetrachloride	5.14	117	70564	19.62	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	78304	19.19	ug/l	94
40) Benzene	5.39	78	188162	20.19	ug/l	99
41) Methacrylonitrile	4.55	41	41320	21.50	ug/l	99
42) 1,2-Dichloroethane	5.41	62	75689	21.33	ug/l	100
43) Isopropyl Acetate	5.55	43	115663	18.77	ug/l	98
44) Trichloroethene	6.19	130	50137	18.91	ug/l	98
45) 1,2-Dichloropropane	6.44	63	50734	20.41	ug/l	95
46) Dibromomethane	6.56	93	35476	20.31	ug/l	94
47) Bromodichloromethane	6.76	83	68265	19.63	ug/l	100
48) Methyl methacrylate	6.63	41	60842	20.28	ug/l	97
49) 1,4-Dioxane	6.62	88	27113	462.13	ug/l	95
51) 4-Methyl-2-Pentanone	7.46	43	377904	97.63	ug/l	97
52) Toluene	7.64	92	118298	19.73	ug/l	99
53) t-1,3-Dichloropropene	7.88	75	72262	18.50	ug/l	98
54) cis-1,3-Dichloropropene	7.27	75	74836	17.98	ug/l	98
55) 1,1,2-Trichloroethane	8.07	97	48908	20.07	ug/l	98
56) Ethyl methacrylate	8.02	69	78234	19.18	ug/l	100
57) 1,3-Dichloropropane	8.25	76	82581	20.09	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.13	63	41246	26.40	ug/l	96
59) 2-Hexanone	8.36	43	295898	93.64	ug/l	99
60) Dibromochloromethane	8.48	129	54644	17.98	ug/l	100
61) 1,2-Dibromoethane	8.59	107	53368	19.68	ug/l	99
64) Tetrachloroethene	8.23	164	50577	20.98	ug/l	98
65) Chlorobenzene	9.12	112	136339	21.04	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	50837	20.65	ug/l	97
67) Ethyl Benzene	9.25	91	234334	20.63	ug/l	99
68) m/p-Xylenes	9.38	106	182054	41.74	ug/l	97
69) o-Xylene	9.78	106	91964	21.30	ug/l	95
70) Styrene	9.80	104	141291	19.92	ug/l	99
71) Bromoform	9.96	173	42297	18.08	ug/l #	98
73) Isopropylbenzene	10.17	105	243090	21.13	ug/l	100
74) N-amyl acetate	10.01	43	100985	18.46	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.46	83	79874	20.72	ug/l	99
76) 1,2,3-Trichloropropane	10.50	75	70873m	21.49	ug/l	
77) Bromobenzene	10.45	156	61429	21.09	ug/l	94
78) n-propylbenzene	10.59	91	271953	20.07	ug/l	98
79) 2-Chlorotoluene	10.66	91	167848	21.00	ug/l	100
80) 1,3,5-Trimethylbenzene	10.78	105	207039	20.77	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.51	75	24571m	17.24	ug/l	
82) 4-Chlorotoluene	10.78	91	191198	20.56	ug/l	100
83) tert-Butylbenzene	11.10	119	206336	21.51	ug/l	100
84) 1,2,4-Trimethylbenzene	11.15	105	207640	20.44	ug/l	100
85) sec-Butylbenzene	11.33	105	243325	20.27	ug/l	99
86) p-Isopropyltoluene	11.48	119	215679	20.06	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	108627	20.19	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	109138	20.15	ug/l	99
89) n-Butylbenzene	11.89	91	166374	17.43	ug/l	97
90) Hexachloroethane	12.15	117	37468	17.86	ug/l	95
91) 1,2-Dichlorobenzene	11.88	146	113195	21.00	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.66	75	20993	19.74	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.51	180	70075	21.06	ug/l	98
94) Hexachlorobutadiene	13.70	225	38285	20.44	ug/l	99
95) Naphthalene	13.74	128	240114	22.18	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	74212	22.38	ug/l	99

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

