

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062818\
 Data File : VU025058.D
 Acq On : 29 Jun 2018 07:13
 Operator : MD/SY
 Sample : J3707-21MSD
 Misc : 5.48g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021SB489-21-23-180622MSD

Manual Integrations
 APPROVED

MMDadoda
 6/29/2018 4:23:47 PM

Quant Time: Jun 29 09:06:55 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	4.98	168	205502	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	316003	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.10	117	305576	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	190091	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	155922	46.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.96%	
35) Dibromofluoromethane	4.89	113	127046	48.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.88%	
50) Toluene-d8	7.57	98	434539	45.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.84%	
62) 4-Bromofluorobenzene	10.32	95	195306	51.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	97033	37.72	ug/l	100
3) Chloromethane	1.32	50	104439	39.74	ug/l	99
4) Vinyl Chloride	1.40	62	119840	44.22	ug/l	98
5) Bromomethane	1.60	94	33379	25.48	ug/l	99
6) Chloroethane	1.66	64	41745	27.08	ug/l	99
7) Trichlorofluoromethane	1.82	101	154927	37.46	ug/l	100
8) Diethyl Ether	2.10	74	70411	50.03	ug/l	88
9) 1,1,2-Trichlorotrifluoroet	2.25	101	104577	40.76	ug/l	97
10) Methyl Iodide	2.38	142	103595	47.95	ug/l	99
11) Tert butyl alcohol	2.83	59	11547	14.15	ug/l #	72
12) 1,1-Dichloroethene	2.25	96	101522	43.39	ug/l	95
13) Acrolein	2.19	56	36065	84.17	ug/l	99
14) Allyl chloride	2.57	41	180656	41.58	ug/l	88
15) Acrylonitrile	2.95	53	376353	237.07	ug/l	98
16) Acetone	2.35	43	340506	188.90	ug/l	100
17) Carbon Disulfide	2.45	76	262078	34.98	ug/l	98
18) Methyl Acetate	2.62	43	234527	60.69	ug/l	99
19) Methyl tert-butyl Ether	3.01	73	425247	48.35	ug/l	97
20) Methylene Chloride	2.69	84	125877	44.51	ug/l	96
21) trans-1,2-Dichloroethene	2.97	96	113024	43.86	ug/l	98
22) Diisopropyl ether	3.58	45	402971	46.79	ug/l	97
23) Vinyl Acetate	3.53	43	1582044	205.06	ug/l	98
24) 1,1-Dichloroethane	3.44	63	226904	45.80	ug/l	99
25) 2-Butanone	4.28	43	501831	207.26	ug/l	95
26) 2,2-Dichloropropane	4.22	77	132157	28.09	ug/l	86
27) cis-1,2-Dichloroethene	4.22	96	311756	105.22	ug/l	90
28) Bromochloromethane	4.55	49	94805	43.44	ug/l #	83
29) Tetrahydrofuran	4.65	42	336614	224.50	ug/l	97
30) Chloroform	4.67	83	239144	47.69	ug/l	97
31) Cyclohexane	4.99	56	190691	43.07	ug/l	93
32) 1,1,1-Trichloroethane	4.91	97	215822	46.54	ug/l	95
36) 1,1-Dichloropropene	5.13	75	162448	43.75	ug/l	96
37) Ethyl Acetate	4.39	43	209123	51.67	ug/l	99
38) Carbon Tetrachloride	5.13	117	185161	45.35	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.41	83	190227	41.05	ug/l	96
40) Benzene	5.39	78	491332	46.44	ug/l	99
41) Methacrylonitrile	4.55	41	104509	47.89	ug/l	96
42) 1,2-Dichloroethane	5.41	62	199077	49.40	ug/l	100
43) Isopropyl Acetate	5.56	43	318242	45.49	ug/l	98
44) Trichloroethene	6.18	130	139522	46.33	ug/l	95
45) 1,2-Dichloropropane	6.44	63	134664	47.70	ug/l	99
46) Dibromomethane	6.56	93	96081	48.45	ug/l	95
47) Bromodichloromethane	6.76	83	185239	46.91	ug/l	99
48) Methyl methacrylate	6.63	41	162763	47.78	ug/l	100
49) 1,4-Dioxane	6.64	88	71958	1080.14	ug/l	96
51) 4-Methyl-2-Pentanone	7.48	43	1067123	242.80	ug/l	97
52) Toluene	7.64	92	321942	47.29	ug/l	99
53) t-1,3-Dichloropropene	7.89	75	194237	43.80	ug/l	98
54) cis-1,3-Dichloropropene	7.27	75	201297	42.60	ug/l	100
55) 1,1,2-Trichloroethane	8.08	97	140484	50.77	ug/l	97
56) Ethyl methacrylate	8.03	69	229968	49.65	ug/l	100
57) 1,3-Dichloropropane	8.25	76	232830	49.88	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.13	63	68785	38.77	ug/l	96
59) 2-Hexanone	8.38	43	854259	238.08	ug/l	99
60) Dibromochloromethane	8.48	129	159064	46.10	ug/l	100
61) 1,2-Dibromoethane	8.59	107	151871	49.31	ug/l	100
64) Tetrachloroethene	8.23	164	144167	49.63	ug/l	98
65) Chlorobenzene	9.13	112	391147	50.11	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.22	131	145236	48.97	ug/l	98
67) Ethyl Benzene	9.26	91	652612	47.69	ug/l	99
68) m/p-Xylenes	9.38	106	503953	95.90	ug/l	97
69) o-Xylene	9.79	106	254606	48.96	ug/l	96
70) Styrene	9.80	104	430845	50.41	ug/l	99
71) Bromoform	9.97	173	132784	47.10	ug/l #	100
73) Isopropylbenzene	10.17	105	697730	47.81	ug/l	99
74) N-amyl acetate	10.02	43	309446	44.58	ug/l	97
75) 1,1,2,2-Tetrachloroethane	10.47	83	242956	49.68	ug/l	99
76) 1,2,3-Trichloropropane	10.50	75	212932m	50.88	ug/l	
77) Bromobenzene	10.46	156	187093	50.64	ug/l	94
78) n-propylbenzene	10.59	91	788570	45.87	ug/l	97
79) 2-Chlorotoluene	10.67	91	487549	48.09	ug/l	98
80) 1,3,5-Trimethylbenzene	10.78	105	594823	47.02	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.52	75	84025m	46.47	ug/l	
82) 4-Chlorotoluene	10.78	91	559226	47.39	ug/l	99
83) tert-Butylbenzene	11.11	119	606165	49.82	ug/l	100
84) 1,2,4-Trimethylbenzene	11.15	105	600613	46.59	ug/l	100
85) sec-Butylbenzene	11.33	105	725266	47.62	ug/l	98
86) p-Isopropyltoluene	11.48	119	630235	46.20	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	333279	48.82	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	338625	49.29	ug/l	99
89) n-Butylbenzene	11.90	91	504462	41.65	ug/l	97
90) Hexachloroethane	12.15	117	114002	42.84	ug/l	98
91) 1,2-Dichlorobenzene	11.89	146	348414	50.96	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	57805	42.84	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.51	180	207526	49.15	ug/l	99
94) Hexachlorobutadiene	13.70	225	112242	47.23	ug/l	99
95) Naphthalene	13.75	128	673137	48.18	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	213728	50.80	ug/l	99

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

