

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061418\
 Data File : VU024529.D
 Acq On : 14 Jun 2018 11:06
 Operator : MD/SY
 Sample : VU0614WBSD01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0614WBSD01

Manual Integrations
 APPROVED

apatel
 6/15/2018 3:16:05 PM

Quant Time: Jun 15 02:09:32 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	191677	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	303198	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	287692	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	167621	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	143437	45.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.68%	
35) Dibromofluoromethane	4.89	113	123324	49.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.02%	
50) Toluene-d8	7.57	98	442141	48.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.34%	
62) 4-Bromofluorobenzene	10.31	95	171544	47.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.14%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	43830	18.269	ug/l	100
3) Chloromethane	1.33	50	49566	20.222	ug/l	98
4) Vinyl Chloride	1.40	62	49869	19.728	ug/l	95
5) Bromomethane	1.63	94	28192	23.071	ug/l	100
6) Chloroethane	1.70	64	30219	20.778	ug/l	99
7) Trichlorofluoromethane	1.89	101	75558	19.586	ug/l	96
8) Diethyl Ether	2.10	74	28990	20.990	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	2.29	101	44964	18.788	ug/l	97
10) Methyl Iodide	2.41	142	40262	23.064	ug/l	99
11) Tert butyl alcohol	2.83	59	70622	92.797	ug/l	99
12) 1,1-Dichloroethene	2.29	96	41712	19.112	ug/l	92
13) Acrolein	2.20	56	37195	93.071	ug/l	97
14) Allyl chloride	2.60	41	74189	18.308	ug/l	92
15) Acrylonitrile	2.94	53	155944	105.318	ug/l	97
16) Acetone	2.32	43	156853	93.293	ug/l	98
17) Carbon Disulfide	2.48	76	133520	19.106	ug/l	98
18) Methyl Acetate	2.62	43	71678	19.886	ug/l	98
19) Methyl tert-butyl Ether	3.00	73	160045	19.508	ug/l	97
20) Methylene Chloride	2.70	84	49826	18.887	ug/l	96
21) trans-1,2-Dichloroethene	2.99	96	47105	19.596	ug/l	91
22) Diisopropyl ether	3.57	45	158765	19.764	ug/l	89
23) Vinyl Acetate	3.53	43	729987	101.442	ug/l	98
24) 1,1-Dichloroethane	3.45	63	89678	19.406	ug/l	99
25) 2-Butanone	4.26	43	230458	102.046	ug/l	96
26) 2,2-Dichloropropane	4.23	77	81174	18.499	ug/l	96
27) cis-1,2-Dichloroethene	4.23	96	55396	20.045	ug/l	96
28) Bromochloromethane	4.55	49	47433	23.303	ug/l	90
29) Tetrahydrofuran	4.64	42	142443	101.852	ug/l	97
30) Chloroform	4.68	83	89731	19.184	ug/l	99
31) Cyclohexane	5.00	56	83730	19.186	ug/l	92
32) 1,1,1-Trichloroethane	4.92	97	81690	18.886	ug/l	96
36) 1,1-Dichloropropene	5.14	75	65738	18.451	ug/l	94
37) Ethyl Acetate	4.38	43	82925	21.355	ug/l	97
38) Carbon Tetrachloride	5.14	117	74682	19.062	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	84553	19.017	ug/l	95
40) Benzene	5.39	78	196381	19.344	ug/l	100
41) Methacrylonitrile	4.55	41	43379	20.719	ug/l	98
42) 1,2-Dichloroethane	5.41	62	73175	18.925	ug/l	96
43) Isopropyl Acetate	5.55	43	131285	19.559	ug/l	97
44) Trichloroethene	6.19	130	54272	18.784	ug/l	98
45) 1,2-Dichloropropane	6.44	63	54090	19.968	ug/l	99
46) Dibromomethane	6.56	93	37668	19.797	ug/l	94
47) Bromodichloromethane	6.76	83	73193	19.318	ug/l #	99
48) Methyl methacrylate	6.63	41	65075	19.910	ug/l	99
49) 1,4-Dioxane	6.62	88	24095	376.959	ug/l	97
51) 4-Methyl-2-Pentanone	7.46	43	433882	102.889	ug/l	98
52) Toluene	7.64	92	124570	19.072	ug/l	97
53) t-1,3-Dichloropropene	7.88	75	82499	19.389	ug/l	98
54) cis-1,3-Dichloropropene	7.28	75	86943	19.177	ug/l	99
55) 1,1,2-Trichloroethane	8.07	97	51274	19.312	ug/l	99
56) Ethyl methacrylate	8.02	69	89078	20.046	ug/l	98
57) 1,3-Dichloropropane	8.25	76	88394	19.736	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.13	63	174752	102.649	ug/l	95
59) 2-Hexanone	8.36	43	344774	100.144	ug/l	98
60) Dibromochloromethane	8.48	129	62640	18.920	ug/l	99
61) 1,2-Dibromoethane	8.59	107	57586	19.487	ug/l	97
64) Tetrachloroethene	8.23	164	47472	17.360	ug/l	96
65) Chlorobenzene	9.12	112	143107	19.472	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	55521	19.884	ug/l	98
67) Ethyl Benzene	9.25	91	252364	19.587	ug/l	98
68) m/p-Xylenes	9.38	106	191439	38.694	ug/l	98
69) o-Xylene	9.78	106	94609	19.322	ug/l	96
70) Styrene	9.80	104	157663	19.594	ug/l	99
71) Bromoform	9.96	173	52639	19.834	ug/l #	97
73) Isopropylbenzene	10.17	105	249409	19.380	ug/l	97
74) N-amyl acetate	10.01	43	123512	20.178	ug/l	97
75) 1,1,2,2-Tetrachloroethane	10.46	83	89004	20.638	ug/l	99
76) 1,2,3-Trichloropropane	10.50	75	74028m	20.060	ug/l	
77) Bromobenzene	10.45	156	65517	20.109	ug/l	95
78) n-propylbenzene	10.59	91	299061	19.727	ug/l	98
79) 2-Chlorotoluene	10.66	91	174866	19.560	ug/l	98
80) 1,3,5-Trimethylbenzene	10.78	105	215355	19.307	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.51	75	32358m	20.293	ug/l	
82) 4-Chlorotoluene	10.78	91	203908	19.597	ug/l	98
83) tert-Butylbenzene	11.10	119	216008	20.132	ug/l	98
84) 1,2,4-Trimethylbenzene	11.15	105	221699	19.503	ug/l	99
85) sec-Butylbenzene	11.33	105	262493	19.544	ug/l	98
86) p-Isopropyltoluene	11.48	119	231154	19.217	ug/l	98
87) 1,3-Dichlorobenzene	11.42	146	117549	19.529	ug/l	100
88) 1,4-Dichlorobenzene	11.51	146	117714	19.430	ug/l	98
89) n-Butylbenzene	11.89	91	210373	19.699	ug/l	97
90) Hexachloroethane	12.15	117	44386	18.916	ug/l	95
91) 1,2-Dichlorobenzene	11.88	146	117649	19.514	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	23529	19.773	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.51	180	79528	21.361	ug/l	99
94) Hexachlorobutadiene	13.70	225	42661	20.358	ug/l	99
95) Naphthalene	13.75	128	245875	20.357	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	80172	21.611	ug/l	99

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

