

Data File : VU025306.D
Acq On : 11 Jul 2018 10:40
Operator : MD/SY
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
7/12/2018 11:04:15 AM

Quant Time: Jul 12 03:22:39 2018
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U070918W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 10 09:34:16 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	182953	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	269770	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	256520	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	157180	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	118190	41.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.16%	
35) Dibromofluoromethane	4.88	113	97448	42.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.64%	
50) Toluene-d8	7.57	98	326106	41.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.70%	
62) 4-Bromofluorobenzene	10.31	95	135399	43.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.32%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	85751	45.290	ug/l	97
3) Chloromethane	1.33	50	84034	44.607	ug/l	100
4) Vinyl Chloride	1.40	62	92866	44.633	ug/l	100
5) Bromomethane	1.62	94	59727	56.978	ug/l	100
6) Chloroethane	1.69	64	61662	46.621	ug/l	100
7) Trichlorofluoromethane	1.89	101	153441	46.925	ug/l	100
8) Diethyl Ether	2.10	74	58758	47.884	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.29	101	92767	45.780	ug/l	100
10) Methyl Iodide	2.41	142	79900	37.505	ug/l	98
11) Tert butyl alcohol	2.82	59	131796	212.549	ug/l	98
12) 1,1-Dichloroethene	2.28	96	81899	44.162	ug/l	96
13) Acrolein	2.19	56	53931	131.471	ug/l	99
14) Allyl chloride	2.59	41	148973	44.294	ug/l	99
15) Acrylonitrile	2.93	53	290894	228.181	ug/l	100
16) Acetone	2.32	43	351344	242.385	ug/l	100
17) Carbon Disulfide	2.48	76	224262	41.714	ug/l	99
18) Methyl Acetate	2.61	43	141850	48.742	ug/l	99
19) Methyl tert-butyl Ether	3.00	73	348751	49.440	ug/l	97
20) Methylene Chloride	2.70	84	105264	47.899	ug/l	99
21) trans-1,2-Dichloroethene	2.98	96	94802	44.733	ug/l	99
22) Diisopropyl ether	3.57	45	330386	48.101	ug/l	97
23) Vinyl Acetate	3.53	43	1444485	239.733	ug/l	100
24) 1,1-Dichloroethane	3.45	63	189664	48.962	ug/l	99
25) 2-Butanone	4.26	43	454564	230.728	ug/l	99
26) 2,2-Dichloropropane	4.23	77	177777	47.731	ug/l	98
27) cis-1,2-Dichloroethene	4.23	96	113307	46.208	ug/l	98
28) Bromochloromethane	4.55	49	81793	43.727	ug/l	98
29) Tetrahydrofuran	4.63	42	267237	226.144	ug/l	99
30) Chloroform	4.68	83	199421	48.612	ug/l	98
31) Cyclohexane	5.00	56	163537	45.620	ug/l	100
32) 1,1,1-Trichloroethane	4.92	97	181966	48.945	ug/l	100
36) 1,1-Dichloropropene	5.14	75	138402	46.147	ug/l	98
37) Ethyl Acetate	4.38	43	158833	47.488	ug/l	99
38) Carbon Tetrachloride	5.14	117	161492	50.028	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	173374	46.345	ug/l	97
40) Benzene	5.39	78	412209	47.693	ug/l	98
41) Methacrylonitrile	4.54	41	88723	47.844	ug/l	100
42) 1,2-Dichloroethane	5.41	62	167097	48.637	ug/l	99
43) Isopropyl Acetate	5.55	43	256420	47.873	ug/l	100
44) Trichloroethene	6.19	130	116383	46.897	ug/l	99
45) 1,2-Dichloropropane	6.44	63	109907	48.551	ug/l	99
46) Dibromomethane	6.56	93	78178	47.455	ug/l	98
47) Bromodichloromethane	6.76	83	155259	50.733	ug/l	99
48) Methyl methacrylate	6.62	41	127780	47.854	ug/l	98
49) 1,4-Dioxane	6.61	88	55213	859.336	ug/l	98
51) 4-Methyl-2-Pentanone	7.46	43	816726	234.604	ug/l	100
52) Toluene	7.64	92	268559	48.841	ug/l	98
53) t-1,3-Dichloropropene	7.88	75	169879	50.523	ug/l	100
54) cis-1,3-Dichloropropene	7.27	75	178765	49.954	ug/l	99
55) 1,1,2-Trichloroethane	8.07	97	113429	49.531	ug/l	96
56) Ethyl methacrylate	8.02	69	175513	49.070	ug/l	98
57) 1,3-Dichloropropane	8.25	76	187058	49.204	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.13	63	324109	202.140	ug/l	100
59) 2-Hexanone	8.36	43	642578	227.559	ug/l	98
60) Dibromochloromethane	8.48	129	129842	52.500	ug/l	99
61) 1,2-Dibromoethane	8.59	107	121213	49.467	ug/l	99
64) Tetrachloroethene	8.23	164	114058	48.778	ug/l	98
65) Chlorobenzene	9.12	112	309958	48.370	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	117277	51.162	ug/l	98
67) Ethyl Benzene	9.25	91	529806	48.495	ug/l	100
68) m/p-Xylenes	9.38	106	415977	98.487	ug/l	99
69) o-Xylene	9.78	106	204601	48.385	ug/l	96
70) Styrene	9.80	104	334545	49.807	ug/l	100
71) Bromoform	9.96	173	99941	45.548	ug/l #	98
73) Isopropylbenzene	10.17	105	559969	46.627	ug/l	100
74) N-amyl acetate	10.01	43	229901	46.852	ug/l	100
75) 1,1,2,2-Tetrachloroethane	10.46	83	179618	45.716	ug/l	98
76) 1,2,3-Trichloropropane	10.50	75	164492m	50.665	ug/l	
77) Bromobenzene	10.45	156	142090	46.247	ug/l	98
78) n-propylbenzene	10.59	91	640852	48.089	ug/l	100
79) 2-Chlorotoluene	10.66	91	381056	49.800	ug/l	99
80) 1,3,5-Trimethylbenzene	10.78	105	482866	47.783	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.51	75	58318m	46.572	ug/l	
82) 4-Chlorotoluene	10.78	91	446609	47.329	ug/l	99
83) tert-Butylbenzene	11.10	119	481085	47.112	ug/l	100
84) 1,2,4-Trimethylbenzene	11.15	105	486974	47.020	ug/l	99
85) sec-Butylbenzene	11.33	105	588942	48.982	ug/l	99
86) p-Isopropyltoluene	11.48	119	519515	48.798	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	264301	47.071	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	264371	48.257	ug/l	99
89) n-Butylbenzene	11.89	91	438823	50.141	ug/l	98
90) Hexachloroethane	12.15	117	87282	48.417	ug/l	99
91) 1,2-Dichlorobenzene	11.88	146	265529	46.825	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.66	75	44593	46.795	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071118\
Quantitation Report (QT Reviewed)

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.51	180	174056	46.111	ug/l	99
94) Hexachlorobutadiene	13.70	225	95443	47.060	ug/l	100
95) Naphthalene	13.75	128	523457	45.582	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	178427	46.468	ug/l	100

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

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