

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041919\
 Data File : VU031352.D
 Acq On : 19 Apr 2019 11:45
 Operator : JC/SP
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00544

Quant Time: Apr 19 12:25:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR041919WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Apr 19 07:47:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	206964	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	217378	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	90657	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	104348	4.47	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.40%
7) Chloroethane-d5	1.68	69	80881	4.35	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.00%
11) 1,1-Dichloroethene-d2	2.27	63	209512	4.58	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.60%
20) 2-Butanone-d5	4.20	46	277801	62.28	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	124.56%
24) Chloroform-d	4.64	84	138164	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.80%
26) 1,2-Dichloroethane-d4	5.31	65	70834	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.00%
32) Benzene-d6	5.34	84	248874	4.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.20%
36) 1,2-Dichloropropane-d6	6.33	67	80824	4.25	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.00%
41) Toluene-d8	7.56	98	225129	4.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.20%
43) trans-1,3-Dichloropropene-	7.85	79	31000	4.07	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.40%
46) 2-Hexanone-d5	8.31	63	149019	42.27	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.54%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	67828	4.25	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.00%
64) 1,2-Dichlorobenzene-d4	11.86	152	79878	4.52	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.40%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.20	85	103314	4.340 ug/L	98
3) Chloromethane	1.32	50	159470	4.950 ug/L	99
5) Vinyl chloride	1.40	62	161282	4.914 ug/L	100
6) Bromomethane	1.63	94	85508	4.701 ug/L	99
8) Chloroethane	1.69	64	89368	4.774 ug/L	98
9) Trichlorofluoromethane	1.88	101	196724	4.766 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	111954	5.020 ug/L	98
12) 1,1-Dichloroethene	2.28	96	106404	4.790 ug/L	86
13) Acetone	2.33	43	229295	46.204 ug/L	99
14) Carbon disulfide	2.47	76	353916	4.772 ug/L	100
15) Methyl Acetate	2.62	43	60579	4.466 ug/L	99
16) Methylene chloride	2.70	84	123683	4.585 ug/L	97
17) Methyl tert-butyl Ether	3.00	73	293405	4.930 ug/L	99
18) trans-1,2-Dichloroethene	2.98	96	115404	4.925 ug/L	98
19) 1,1-Dichloroethane	3.44	63	213795	6.538 ug/L	99
21) 2-Butanone	4.28	43	289498	56.761 ug/L	98
22) cis-1,2-Dichloroethene	4.22	96	106040	5.853 ug/L	88

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.54	128	38877	4.815	ug/L	93
25) Chloroform	4.67	83	154036	4.781	ug/L	98
27) 1,2-Dichloroethane	5.40	62	96420	4.642	ug/L	99
29) 1,1,1-Trichloroethane	4.91	97	130125	4.433	ug/L	99
30) Cyclohexane	4.99	56	118013	3.947	ug/L	98
31) Carbon tetrachloride	5.13	117	116354	4.439	ug/L	96
33) Benzene	5.38	78	316659	4.292	ug/L	100
34) Trichloroethene	6.18	95	81729	4.098	ug/L	95
35) Methylcyclohexane	6.41	83	111327	4.053	ug/L	99
37) 1,2-Dichloropropane	6.43	63	83245	4.280	ug/L	98
38) Bromodichloromethane	6.75	83	108662	4.478	ug/L	94
39) cis-1,3-Dichloropropene	7.27	75	112421	4.330	ug/L	97
40) 4-Methyl-2-pentanone	7.46	43	512893	41.064	ug/L	99
42) Toluene	7.63	91	338408	4.549	ug/L	99
44) trans-1,3-Dichloropropene	7.88	75	94110	4.384	ug/L	96
45) 1,1,2-Trichloroethane	8.06	97	59654	4.305	ug/L	99
47) Tetrachloroethene	8.22	164	66396	4.468	ug/L	95
48) 2-Hexanone	8.36	43	377683	42.607	ug/L	99
49) Dibromochloromethane	8.48	129	73351	4.424	ug/L	99
50) 1,2-Dibromoethane	8.58	107	58083	4.425	ug/L	92
51) Chlorobenzene	9.12	112	207044	4.445	ug/L	99
52) Ethylbenzene	9.25	91	330952	4.307	ug/L	97
53) m,p-Xylene	9.37	106	124772	4.520	ug/L	96
54) o-Xylene	9.78	106	122704	4.510	ug/L	92
55) Styrene	9.79	104	211650	4.684	ug/L	97
56) Isopropylbenzene	10.16	105	319707	4.476	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.45	83	74655	4.214	ug/L #	93
59) 1,2,3-Trichloropropane	10.49	75	50410	3.971	ug/L	96
61) Bromoform	9.95	173	41572	4.770	ug/L	97
62) 1,3-Dichlorobenzene	11.41	146	144273	4.839	ug/L	96
63) 1,4-Dichlorobenzene	11.50	146	147749	4.918	ug/L	96
65) 1,2-Dichlorobenzene	11.88	146	145392	4.791	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.65	75	11563	4.681	ug/L #	82
67) 1,3,5-Trichlorobenzene	12.88	180	115449	4.714	ug/L	98
68) 1,2,4-trichlorobenzene	13.50	180	98111	5.555	ug/L	100
69) Naphthalene	13.74	128	159019	4.587	ug/L	99
70) 1,2,3-Trichlorobenzene	13.98	180	104007	5.685	ug/L	96

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

