

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041019\
 Data File : VU030935.D
 Acq On : 09 Apr 2019 04:17
 Operator : JC/SP
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00512

Quant Time: Apr 09 07:57:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR032919WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Apr 09 03:34:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	249524	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	249572	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	114042	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	84083	4.41	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.20%
7) Chloroethane-d5	1.68	69	78094	5.08	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.60%
11) 1,1-Dichloroethene-d2	2.27	63	187633	4.81	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.20%
20) 2-Butanone-d5	4.19	46	268427	54.63	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.26%
24) Chloroform-d	4.64	84	162547	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.40%
26) 1,2-Dichloroethane-d4	5.31	65	87415	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.80%
32) Benzene-d6	5.33	84	305552	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.00%
36) 1,2-Dichloropropane-d6	6.33	67	104014	4.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.40%
41) Toluene-d8	7.56	98	274742	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.60%
43) trans-1,3-Dichloropropene-	7.85	79	34945	4.27	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.40%
46) 2-Hexanone-d5	8.31	63	190806	53.60	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.20%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	87818	5.56	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	111.20%
64) 1,2-Dichlorobenzene-d4	11.86	152	91864	4.82	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.40%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.20	85	138835	4.994	ug/L	100
3) Chloromethane	1.32	50	161177	4.946	ug/L	98
5) Vinyl chloride	1.40	62	153714	5.148	ug/L	97
6) Bromomethane	1.62	94	71144	4.871	ug/L	97
8) Chloroethane	1.69	64	85433	5.030	ug/L	99
9) Trichlorofluoromethane	1.88	101	182765	5.400	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	92994	4.941	ug/L	95
12) 1,1-Dichloroethene	2.28	96	96801	5.317	ug/L	86
13) Acetone	2.32	43	213365	56.168	ug/L	100
14) Carbon disulfide	2.47	76	322414	5.050	ug/L	99
15) Methyl Acetate	2.61	43	58171	5.928	ug/L	98
16) Methylene chloride	2.69	84	110964	5.228	ug/L	98
17) Methyl tert-butyl Ether	3.00	73	268635	5.512	ug/L	99
18) trans-1,2-Dichloroethene	2.97	96	106010	5.515	ug/L	90
19) 1,1-Dichloroethane	3.43	63	204683	5.034	ug/L	99
21) 2-Butanone	4.27	43	324112	53.836	ug/L	99
22) cis-1,2-Dichloroethene	4.22	96	120190	5.864	ug/L	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.54	128	45331	5.536	ug/L	93
25) Chloroform	4.67	83	194975	5.260	ug/L	98
27) 1,2-Dichloroethane	5.40	62	123583	5.138	ug/L	100
29) 1,1,1-Trichloroethane	4.90	97	186665	5.871	ug/L	98
30) Cyclohexane	4.98	56	166290	4.332	ug/L	99
31) Carbon tetrachloride	5.13	117	138901	5.204	ug/L	96
33) Benzene	5.38	78	412966	4.891	ug/L	100
34) Trichloroethene	6.18	95	101458	4.801	ug/L	95
35) Methylcyclohexane	6.41	83	139690	4.142	ug/L	98
37) 1,2-Dichloropropane	6.43	63	113472	4.884	ug/L	99
38) Bromodichloromethane	6.75	83	140646	5.184	ug/L	94
39) cis-1,3-Dichloropropene	7.27	75	133223	4.288	ug/L	97
40) 4-Methyl-2-pentanone	7.46	43	747618	51.583	ug/L	100
42) Toluene	7.63	91	426469	5.037	ug/L	98
44) trans-1,3-Dichloropropene	7.88	75	111986	4.656	ug/L	98
45) 1,1,2-Trichloroethane	8.06	97	74370	5.368	ug/L	96
47) Tetrachloroethene	8.22	164	75868	5.118	ug/L	96
48) 2-Hexanone	8.36	43	546317	54.400	ug/L	99
49) Dibromochloromethane	8.47	129	86993	5.251	ug/L	94
50) 1,2-Dibromoethane	8.58	107	68900	5.335	ug/L	97
51) Chlorobenzene	9.12	112	248384	4.757	ug/L	100
52) Ethylbenzene	9.25	91	422862	4.683	ug/L	99
53) m,p-Xylene	9.37	106	151993	4.818	ug/L	99
54) o-Xylene	9.78	106	151586	4.901	ug/L	93
55) Styrene	9.79	104	258814	4.959	ug/L	99
56) Isopropylbenzene	10.16	105	393082	4.757	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.45	83	97119	5.273	ug/L	99
59) 1,2,3-Trichloropropane	10.49	75	68395	5.268	ug/L	99
61) Bromoform	9.96	173	49155	5.692	ug/L	99
62) 1,3-Dichlorobenzene	11.41	146	174712	4.855	ug/L	99
63) 1,4-Dichlorobenzene	11.50	146	176496	4.679	ug/L	100
65) 1,2-Dichlorobenzene	11.88	146	174858	4.994	ug/L	96
66) 1,2-Dibromo-3-chloropropan	12.65	75	14417	5.321	ug/L	92
67) 1,3,5-Trichlorobenzene	12.89	180	130225	4.850	ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	96690	4.663	ug/L	95
69) Naphthalene	13.74	128	161244	4.842	ug/L	100
70) 1,2,3-Trichlorobenzene	13.99	180	98934	5.120	ug/L	98

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

