

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U071620\
 Data File : VU039536.D
 Acq On : 16 Jul 2020 19:56
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00524

Quant Time: Jul 17 01:12:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jul 17 01:06:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.27	114	97083	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	96987	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	48609	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	25256	4.49	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.80%
7) Chloroethane-d5	1.92	69	32371	5.62	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	112.40%
11) 1,1-Dichloroethene-d2	2.58	63	53328	4.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.40%
20) 2-Butanone-d5	4.65	46	110528	42.93	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.86%
24) Chloroform-d	5.08	84	56897	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.00%
26) 1,2-Dichloroethane-d4	5.72	65	37063	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.60%
32) Benzene-d6	5.75	84	114286	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.80%
36) 1,2-Dichloropropane-d6	6.71	67	36449	4.44	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.80%
41) Toluene-d8	7.91	98	104312	5.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.00%
43) trans-1,3-Dichloropropene-	8.19	79	16208	4.47	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.40%
46) 2-Hexanone-d5	8.64	63	88297	41.09	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.18%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	35687	4.39	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	43296	4.99	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.80%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.39	85	30981	5.265	ug/L 97
3) Chloromethane	1.53	50	31508	4.420	ug/L 98
5) Vinyl chloride	1.61	62	34542	4.364	ug/L 97
6) Bromomethane	1.87	94	23053	6.762	ug/L 92
8) Chloroethane	1.94	64	31457	5.500	ug/L 100
9) Trichlorofluoromethane	2.15	101	64502	4.693	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	27839	4.935	ug/L 99
12) 1,1-Dichloroethene	2.59	96	25542	4.424	ug/L 91
13) Acetone	2.66	43	57554	41.416	ug/L 98
14) Carbon disulfide	2.81	76	79817	3.924	ug/L 97
15) Methyl Acetate	2.97	43	15563	4.240	ug/L 95
16) Methylene chloride	3.06	84	32694	4.502	ug/L 93
17) Methyl tert-butyl Ether	3.38	73	78240	4.301	ug/L 99
18) trans-1,2-Dichloroethene	3.38	96	28335	4.433	ug/L 96
19) 1,1-Dichloroethane	3.89	63	58756	4.698	ug/L 97
21) 2-Butanone	4.73	43	103186	41.601	ug/L 99
22) cis-1,2-Dichloroethene	4.69	96	32565	4.544	ug/L 93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.00	128	14845	4.559	ug/L	91
25) Chloroform	5.11	83	66050	5.230	ug/L	98
27) 1,2-Dichloroethane	5.81	62	44898	4.914	ug/L	100
29) 1,1,1-Trichloroethane	5.33	97	52633	4.607	ug/L	96
30) Cyclohexane	5.41	56	53083	4.414	ug/L	97
31) Carbon tetrachloride	5.54	117	44267	4.542	ug/L	99
33) Benzene	5.79	78	129501	4.466	ug/L	100
34) Trichloroethene	6.56	95	34249	4.569	ug/L	99
35) Methylcyclohexane	6.78	83	52695	4.388	ug/L	97
37) 1,2-Dichloropropane	6.81	63	35852	4.536	ug/L	99
38) Bromodichloromethane	7.12	83	44792	4.437	ug/L	100
39) cis-1,3-Dichloropropene	7.62	75	49307	4.126	ug/L	98
40) 4-Methyl-2-pentanone	7.80	43	273557	41.485	ug/L	98
42) Toluene	7.98	91	142134	4.578	ug/L	97
44) trans-1,3-Dichloropropene	8.22	75	44736	4.220	ug/L	100
45) 1,1,2-Trichloroethane	8.41	97	26301	4.632	ug/L	96
47) Tetrachloroethene	8.56	164	24594	4.717	ug/L	96
48) 2-Hexanone	8.69	43	198202	40.765	ug/L	99
49) Dibromochloromethane	8.82	129	31181	4.534	ug/L	94
50) 1,2-Dibromoethane	8.93	107	25692	4.454	ug/L	92
51) Chlorobenzene	9.45	112	90792	4.785	ug/L	96
52) Ethylbenzene	9.57	91	164402	4.791	ug/L	99
53) m,p-Xylene	9.70	106	60863	4.707	ug/L	99
54) o-Xylene	10.10	106	57630	4.578	ug/L	96
55) Styrene	10.12	104	98075	4.478	ug/L	97
56) Isopropylbenzene	10.48	105	163301	4.797	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.78	83	35969	4.551	ug/L	95
59) 1,2,3-Trichloropropane	10.82	75	25359	4.353	ug/L	99
61) Bromoform	10.29	173	17669	4.313	ug/L	98
62) 1,3-Dichlorobenzene	11.74	146	70747	4.645	ug/L	97
63) 1,4-Dichlorobenzene	11.83	146	68724	4.497	ug/L	97
65) 1,2-Dichlorobenzene	12.21	146	69056	4.522	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.99	75	5499	4.077	ug/L	84
67) 1,3,5-Trichlorobenzene	13.21	180	51143	4.487	ug/L	99
68) 1,2,4-trichlorobenzene	13.83	180	41855	4.291	ug/L	97
69) Naphthalene	14.08	128	68450	3.488	ug/L	100
70) 1,2,3-Trichlorobenzene	14.32	180	37546	4.154	ug/L	95

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

