

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041520\
 Data File : VU037743.D
 Acq On : 15 Apr 2020 19:11
 Operator : JC/MD
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00509

Quant Time: Apr 16 01:30:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR041420WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Apr 16 01:23:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	268116	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	261021	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	130404	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	91291	4.50	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.00%
7) Chloroethane-d5	1.93	69	81788	4.78	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.60%
11) 1,1-Dichloroethene-d2	2.59	63	166074	4.61	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.20%
20) 2-Butanone-d5	4.66	46	288762	51.82	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.64%
24) Chloroform-d	5.10	84	159955	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.80%
26) 1,2-Dichloroethane-d4	5.74	65	94641	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.60%
32) Benzene-d6	5.76	84	325537	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.00%
36) 1,2-Dichloropropane-d6	6.72	67	110252	4.80	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.00%
41) Toluene-d8	7.92	98	290309	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.60%
43) trans-1,3-Dichloropropene-	8.20	79	47278	4.58	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.60%
46) 2-Hexanone-d5	8.65	63	268980	50.97	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.94%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	91500	5.05	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.00%
64) 1,2-Dichlorobenzene-d4	12.20	152	108046	4.64	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.80%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.39	85	120913	5.198	ug/L 99
3) Chloromethane	1.54	50	140394	4.882	ug/L 99
5) Vinyl chloride	1.62	62	141947	5.024	ug/L 97
6) Bromomethane	1.87	94	52654	3.246	ug/L 99
8) Chloroethane	1.95	64	79390	4.786	ug/L 100
9) Trichlorofluoromethane	2.16	101	152911	5.044	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	85960	4.870	ug/L 98
12) 1,1-Dichloroethene	2.60	96	85195	4.605	ug/L 96
13) Acetone	2.65	43	169547	46.151	ug/L 98
14) Carbon disulfide	2.82	76	314748	4.659	ug/L 100
15) Methyl Acetate	2.98	43	49246	4.821	ug/L 99
16) Methylene chloride	3.08	84	100157	4.802	ug/L 95
17) Methyl tert-butyl Ether	3.40	73	258019	4.816	ug/L 98
18) trans-1,2-Dichloroethene	3.39	96	96950	4.833	ug/L 99
19) 1,1-Dichloroethane	3.91	63	196727	5.070	ug/L 99
21) 2-Butanone	4.75	43	324458	48.609	ug/L 99
22) cis-1,2-Dichloroethene	4.71	96	106270	4.903	ug/L 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.01	128	43206	4.703	ug/L	95
25) Chloroform	5.13	83	186622	5.063	ug/L	99
27) 1,2-Dichloroethane	5.83	62	128074	5.141	ug/L	97
29) 1,1,1-Trichloroethane	5.35	97	157005	4.957	ug/L	98
30) Cyclohexane	5.42	56	197994	5.051	ug/L	96
31) Carbon tetrachloride	5.56	117	124895	4.949	ug/L	97
33) Benzene	5.81	78	419991	4.870	ug/L	100
34) Trichloroethene	6.57	95	104739	4.942	ug/L	97
35) Methylcyclohexane	6.79	83	183686	4.945	ug/L	98
37) 1,2-Dichloropropane	6.82	63	114557	5.008	ug/L	98
38) Bromodichloromethane	7.13	83	134164	4.933	ug/L	99
39) cis-1,3-Dichloropropene	7.63	75	171178	4.781	ug/L	98
40) 4-Methyl-2-pentanone	7.82	43	822617	48.920	ug/L	99
42) Toluene	7.99	91	442210	4.895	ug/L	100
44) trans-1,3-Dichloropropene	8.23	75	149031	4.795	ug/L	100
45) 1,1,2-Trichloroethane	8.42	97	73880	4.793	ug/L	99
47) Tetrachloroethene	8.57	164	73144	4.803	ug/L	97
48) 2-Hexanone	8.71	43	583974	48.505	ug/L	99
49) Dibromochloromethane	8.83	129	81793	4.643	ug/L	97
50) 1,2-Dibromoethane	8.95	107	70848	4.780	ug/L	95
51) Chlorobenzene	9.47	112	264252	4.794	ug/L	97
52) Ethylbenzene	9.59	91	496803	4.943	ug/L	97
53) m,p-Xylene	9.71	106	186795	4.911	ug/L	100
54) o-Xylene	10.12	106	181769	4.855	ug/L	99
55) Styrene	10.13	104	307860	4.811	ug/L	98
56) Isopropylbenzene	10.50	105	484137	4.930	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.80	83	96300	4.800	ug/L	99
59) 1,2,3-Trichloropropane	10.84	75	73150	4.887	ug/L	98
61) Bromoform	10.31	173	48027	4.635	ug/L	100
62) 1,3-Dichlorobenzene	11.76	146	206800	4.735	ug/L	99
63) 1,4-Dichlorobenzene	11.85	146	208076	4.750	ug/L	98
65) 1,2-Dichlorobenzene	12.23	146	190551	4.635	ug/L	100
66) 1,2-Dibromo-3-chloropropan	13.02	75	17565	4.609	ug/L	96
67) 1,3,5-Trichlorobenzene	13.24	180	151695	4.736	ug/L	99
68) 1,2,4-trichlorobenzene	13.87	180	138668	4.717	ug/L	99
69) Naphthalene	14.11	128	271353	4.558	ug/L	99
70) 1,2,3-Trichlorobenzene	14.36	180	124476	4.752	ug/L	99

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

