

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041720\
 Data File : VU037785.D
 Acq On : 17 Apr 2020 19:37
 Operator : JC/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00513

Quant Time: Apr 18 01:24:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR041420WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Apr 18 01:19:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	249748	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	241978	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	120780	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	79778	4.22	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.40%
7) Chloroethane-d5	1.93	69	74043	4.64	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.80%
11) 1,1-Dichloroethene-d2	2.59	63	148586	4.42	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.40%
20) 2-Butanone-d5	4.66	46	315275	60.74	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	121.48%
24) Chloroform-d	5.10	84	160887	5.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.60%
26) 1,2-Dichloroethane-d4	5.74	65	95847	5.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.60%
32) Benzene-d6	5.76	84	317267	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.80%
36) 1,2-Dichloropropane-d6	6.72	67	112271	5.28	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.60%
41) Toluene-d8	7.92	98	275581	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.80%
43) trans-1,3-Dichloropropene-	8.20	79	47062	4.92	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.40%
46) 2-Hexanone-d5	8.65	63	276572	56.53	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.06%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	92727	5.52	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.40%
64) 1,2-Dichlorobenzene-d4	12.21	152	109488	5.08	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.60%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.40	85	109096	5.035 ug/L	99
3) Chloromethane	1.54	50	132114	4.932 ug/L	100
5) Vinyl chloride	1.62	62	131852	5.010 ug/L	100
6) Bromomethane	1.87	94	57675	3.817 ug/L	99
8) Chloroethane	1.95	64	74958	4.851 ug/L	99
9) Trichlorofluoromethane	2.16	101	138835	4.917 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	78597	4.780 ug/L	98
12) 1,1-Dichloroethene	2.60	96	78853	4.575 ug/L	96
13) Acetone	2.66	43	170260	49.754 ug/L	98
14) Carbon disulfide	2.82	76	281939	4.480 ug/L	99
15) Methyl Acetate	2.98	43	48801	5.129 ug/L	99
16) Methylene chloride	3.08	84	97076	4.996 ug/L	94
17) Methyl tert-butyl Ether	3.40	73	257349	5.157 ug/L	98
18) trans-1,2-Dichloroethene	3.39	96	90818	4.861 ug/L	99
19) 1,1-Dichloroethane	3.91	63	186607	5.163 ug/L	98
21) 2-Butanone	4.75	43	323045	51.957 ug/L	99
22) cis-1,2-Dichloroethene	4.71	96	101625	5.034 ug/L	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.02	128	42742	4.995	ug/L	96
25) Chloroform	5.13	83	180653	5.262	ug/L	100
27) 1,2-Dichloroethane	5.83	62	123248	5.311	ug/L	98
29) 1,1,1-Trichloroethane	5.35	97	145823	4.967	ug/L	99
30) Cyclohexane	5.42	56	175145	4.820	ug/L	96
31) Carbon tetrachloride	5.56	117	115057	4.918	ug/L	98
33) Benzene	5.81	78	393274	4.919	ug/L	100
34) Trichloroethene	6.57	95	95715	4.871	ug/L	98
35) Methylcyclohexane	6.79	83	163695	4.754	ug/L	97
37) 1,2-Dichloropropane	6.82	63	108628	5.123	ug/L	99
38) Bromodichloromethane	7.13	83	128326	5.090	ug/L	99
39) cis-1,3-Dichloropropene	7.63	75	165002	4.971	ug/L	100
40) 4-Methyl-2-pentanone	7.82	43	818609	52.513	ug/L	98
42) Toluene	7.99	91	410745	4.905	ug/L	100
44) trans-1,3-Dichloropropene	8.23	75	142782	4.955	ug/L	98
45) 1,1,2-Trichloroethane	8.42	97	72824	5.097	ug/L	98
47) Tetrachloroethene	8.57	164	67622	4.789	ug/L	96
48) 2-Hexanone	8.71	43	584284	52.350	ug/L	97
49) Dibromochloromethane	8.83	129	81801	5.009	ug/L	98
50) 1,2-Dibromoethane	8.94	107	68044	4.952	ug/L	97
51) Chlorobenzene	9.47	112	249101	4.875	ug/L	97
52) Ethylbenzene	9.59	91	455379	4.888	ug/L	98
53) m,p-Xylene	9.71	106	169756	4.814	ug/L	100
54) o-Xylene	10.12	106	170458	4.911	ug/L	96
55) Styrene	10.13	104	286500	4.829	ug/L	96
56) Isopropylbenzene	10.50	105	441905	4.854	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.80	83	93932	5.050	ug/L	99
59) 1,2,3-Trichloropropane	10.84	75	72875	5.251	ug/L	100
61) Bromoform	10.31	173	46321	4.827	ug/L	97
62) 1,3-Dichlorobenzene	11.76	146	198095	4.897	ug/L	99
63) 1,4-Dichlorobenzene	11.85	146	195356	4.815	ug/L	99
65) 1,2-Dichlorobenzene	12.22	146	184146	4.836	ug/L	99
66) 1,2-Dibromo-3-chloropropan	13.02	75	17822	5.049	ug/L	90
67) 1,3,5-Trichlorobenzene	13.24	180	145389	4.901	ug/L	99
68) 1,2,4-trichlorobenzene	13.87	180	132413	4.863	ug/L	99
69) Naphthalene	14.11	128	271208	4.918	ug/L	100
70) 1,2,3-Trichlorobenzene	14.36	180	121201	4.996	ug/L	98

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

