

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041520\
 Data File : VU037723.D
 Acq On : 15 Apr 2020 10:00
 Operator : JC/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00508

Quant Time: Apr 16 01:10:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR041420WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Apr 15 12:04:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	272442	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	258146	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	130371	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	97537	4.73	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.60%
7) Chloroethane-d5	1.93	69	83784	4.82	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.40%
11) 1,1-Dichloroethene-d2	2.59	63	177349	4.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.80%
20) 2-Butanone-d5	4.68	46	333950	58.98	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.96%
24) Chloroform-d	5.10	84	169876	5.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.20%
26) 1,2-Dichloroethane-d4	5.74	65	100190	5.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.00%
32) Benzene-d6	5.76	84	345967	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.00%
36) 1,2-Dichloropropane-d6	6.72	67	117869	5.19	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.80%
41) Toluene-d8	7.93	98	311827	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.40%
43) trans-1,3-Dichloropropene-	8.20	79	51710	5.07	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.40%
46) 2-Hexanone-d5	8.66	63	292961	56.13	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.26%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	97920	5.47	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.40%
64) 1,2-Dichlorobenzene-d4	12.21	152	112911	4.85	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.00%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.39	85	124148	5.253	ug/L 99
3) Chloromethane	1.53	50	132983	4.551	ug/L 99
5) Vinyl chloride	1.62	62	142140	4.951	ug/L 98
6) Bromomethane	1.87	94	57647	3.498	ug/L 98
8) Chloroethane	1.95	64	82854	4.915	ug/L 99
9) Trichlorofluoromethane	2.16	101	155323	5.042	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	90927	5.070	ug/L 97
12) 1,1-Dichloroethene	2.60	96	89427	4.757	ug/L 97
13) Acetone	2.68	43	200370	53.675	ug/L 97
14) Carbon disulfide	2.82	76	325839	4.747	ug/L 99
15) Methyl Acetate	2.99	43	55830	5.379	ug/L 98
16) Methylene chloride	3.08	84	104538	4.932	ug/L 95
17) Methyl tert-butyl Ether	3.40	73	278442	5.115	ug/L 98
18) trans-1,2-Dichloroethene	3.39	96	98515	4.833	ug/L 97
19) 1,1-Dichloroethane	3.91	63	201856	5.120	ug/L 99
21) 2-Butanone	4.76	43	371504	54.774	ug/L 98
22) cis-1,2-Dichloroethene	4.71	96	108439	4.924	ug/L 94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.02	128	45593	4.884	ug/L	97
25) Chloroform	5.13	83	193680	5.172	ug/L	98
27) 1,2-Dichloroethane	5.83	62	135261	5.343	ug/L	98
29) 1,1,1-Trichloroethane	5.36	97	163664	5.225	ug/L	98
30) Cyclohexane	5.42	56	203312	5.244	ug/L	97
31) Carbon tetrachloride	5.56	117	127962	5.127	ug/L	99
33) Benzene	5.81	78	431207	5.056	ug/L	100
34) Trichloroethene	6.57	95	105776	5.046	ug/L	96
35) Methylcyclohexane	6.79	83	190880	5.196	ug/L	98
37) 1,2-Dichloropropane	6.82	63	117040	5.174	ug/L	99
38) Bromodichloromethane	7.13	83	140756	5.233	ug/L	97
39) cis-1,3-Dichloropropene	7.64	75	180726	5.104	ug/L	99
40) 4-Methyl-2-pentanone	7.82	43	908744	54.644	ug/L	98
42) Toluene	8.00	91	450450	5.042	ug/L	99
44) trans-1,3-Dichloropropene	8.23	75	159118	5.176	ug/L	98
45) 1,1,2-Trichloroethane	8.43	97	78012	5.118	ug/L	99
47) Tetrachloroethene	8.58	164	74562	4.950	ug/L	99
48) 2-Hexanone	8.71	43	644857	54.158	ug/L	99
49) Dibromochloromethane	8.83	129	87339	5.014	ug/L	100
50) 1,2-Dibromoethane	8.95	107	73844	5.038	ug/L	100
51) Chlorobenzene	9.47	112	270107	4.955	ug/L	98
52) Ethylbenzene	9.59	91	507992	5.111	ug/L	98
53) m,p-Xylene	9.71	106	189679	5.042	ug/L	100
54) o-Xylene	10.12	106	183769	4.963	ug/L	96
55) Styrene	10.13	104	316940	5.008	ug/L	97
56) Isopropylbenzene	10.50	105	489792	5.043	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.80	83	102420	5.161	ug/L	100
59) 1,2,3-Trichloropropane	10.84	75	76813	5.188	ug/L	96
61) Bromoform	10.31	173	49225	4.752	ug/L	96
62) 1,3-Dichlorobenzene	11.76	146	212582	4.868	ug/L	99
63) 1,4-Dichlorobenzene	11.85	146	211688	4.834	ug/L	99
65) 1,2-Dichlorobenzene	12.23	146	202578	4.928	ug/L	97
66) 1,2-Dibromo-3-chloropropan	13.02	75	19923	5.229	ug/L	93
67) 1,3,5-Trichlorobenzene	13.25	180	159407	4.978	ug/L	99
68) 1,2,4-trichlorobenzene	13.87	180	141679	4.821	ug/L	99
69) Naphthalene	14.12	128	286054	4.806	ug/L	99
70) 1,2,3-Trichlorobenzene	14.37	180	126009	4.812	ug/L	99

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

