

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040120\
 Data File : VU037528.D
 Acq On : 01 Apr 2020 17:21
 Operator : JC/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00525

Quant Time: Apr 01 18:12:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR040120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Apr 01 15:49:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	95963	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	90598	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	44753	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	38094	4.74	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.80%
7) Chloroethane-d5	1.93	69	28887	4.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.40%
11) 1,1-Dichloroethene-d2	2.59	63	69710	4.88	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.60%
20) 2-Butanone-d5	4.68	46	111866	51.28	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.56%
24) Chloroform-d	5.11	84	68717	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.00%
26) 1,2-Dichloroethane-d4	5.74	65	36626	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.20%
32) Benzene-d6	5.76	84	132734	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.80%
36) 1,2-Dichloropropane-d6	6.72	67	44880	4.89	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.80%
41) Toluene-d8	7.92	98	123493	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.40%
43) trans-1,3-Dichloropropene-	8.20	79	20814	5.04	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.80%
46) 2-Hexanone-d5	8.66	63	99535	49.80	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.60%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	36291	4.85	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.00%
64) 1,2-Dichlorobenzene-d4	12.21	152	43714	4.74	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.80%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.39	85	34901	4.705 ug/L	99
3) Chloromethane	1.53	50	37192	4.841 ug/L	96
5) Vinyl chloride	1.62	62	36719	4.725 ug/L	96
6) Bromomethane	1.87	94	19437	5.230 ug/L	100
8) Chloroethane	1.95	64	20036	4.220 ug/L	98
9) Trichlorofluoromethane	2.16	101	52942	4.625 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	32715	4.981 ug/L	98
12) 1,1-Dichloroethene	2.60	96	30028	4.732 ug/L	98
13) Acetone	2.67	43	62645	50.946 ug/L	97
14) Carbon disulfide	2.82	76	98866	4.743 ug/L	98
15) Methyl Acetate	2.99	43	16064	4.408 ug/L	95
16) Methylene chloride	3.08	84	34269	4.602 ug/L	88
17) Methyl tert-butyl Ether	3.40	73	84252	4.724 ug/L	99
18) trans-1,2-Dichloroethene	3.39	96	32532	4.717 ug/L	96
19) 1,1-Dichloroethane	3.91	63	61211	4.730 ug/L	93
21) 2-Butanone	4.76	43	104956	48.521 ug/L	99
22) cis-1,2-Dichloroethene	4.71	96	34077	4.531 ug/L	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.02	128	14921	4.553	ug/L	98
25) Chloroform	5.13	83	62431	4.684	ug/L	99
27) 1,2-Dichloroethane	5.83	62	40566	4.743	ug/L	97
29) 1,1,1-Trichloroethane	5.36	97	55008	4.717	ug/L	97
30) Cyclohexane	5.42	56	60007	4.739	ug/L	99
31) Carbon tetrachloride	5.56	117	46917	4.948	ug/L	96
33) Benzene	5.81	78	135218	4.702	ug/L	100
34) Trichloroethene	6.57	95	36234	4.775	ug/L	97
35) Methylcyclohexane	6.79	83	58243	4.585	ug/L	97
37) 1,2-Dichloropropane	6.82	63	36730	4.733	ug/L	99
38) Bromodichloromethane	7.14	83	46393	4.684	ug/L	97
39) cis-1,3-Dichloropropene	7.64	75	54442	4.584	ug/L	98
40) 4-Methyl-2-pentanone	7.82	43	255040	47.175	ug/L	100
42) Toluene	8.00	91	144352	4.722	ug/L	97
44) trans-1,3-Dichloropropene	8.24	75	49589	4.760	ug/L	96
45) 1,1,2-Trichloroethane	8.43	97	25420	4.683	ug/L	93
47) Tetrachloroethene	8.58	164	23726	4.779	ug/L	96
48) 2-Hexanone	8.71	43	190191	48.572	ug/L	98
49) Dibromochloromethane	8.83	129	30620	4.736	ug/L	99
50) 1,2-Dibromoethane	8.95	107	25735	4.874	ug/L	90
51) Chlorobenzene	9.47	112	89941	4.767	ug/L	99
52) Ethylbenzene	9.59	91	165886	4.763	ug/L	99
53) m,p-Xylene	9.72	106	61334	4.685	ug/L	98
54) o-Xylene	10.12	106	60052	4.763	ug/L	97
55) Styrene	10.13	104	103222	4.740	ug/L	99
56) Isopropylbenzene	10.50	105	161752	4.711	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.80	83	33657	4.609	ug/L	100
59) 1,2,3-Trichloropropane	10.84	75	24414	4.797	ug/L	96
61) Bromoform	10.31	173	17274	4.690	ug/L	98
62) 1,3-Dichlorobenzene	11.76	146	71940	4.863	ug/L	96
63) 1,4-Dichlorobenzene	11.85	146	71974	4.785	ug/L	99
65) 1,2-Dichlorobenzene	12.23	146	65875	4.654	ug/L	96
66) 1,2-Dibromo-3-chloropropan	13.02	75	6729	4.948	ug/L	91
67) 1,3,5-Trichlorobenzene	13.25	180	51608	4.833	ug/L	99
68) 1,2,4-trichlorobenzene	13.88	180	49193	4.952	ug/L	99
69) Naphthalene	14.12	128	107508	4.864	ug/L	100
70) 1,2,3-Trichlorobenzene	14.37	180	44496	5.049	ug/L	98

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

