

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040220\
 Data File : VU037557.D
 Acq On : 02 Apr 2020 16:36
 Operator : JC/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00528

Quant Time: Apr 03 01:01:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR040120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Apr 03 00:57:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	88086	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	84687	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	39575	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	33311	4.51	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.20%
7) Chloroethane-d5	1.93	69	26407	4.65	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.00%
11) 1,1-Dichloroethene-d2	2.59	63	58474	4.46	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.20%
20) 2-Butanone-d5	4.66	46	91341	45.62	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.24%
24) Chloroform-d	5.10	84	58802	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.20%
26) 1,2-Dichloroethane-d4	5.74	65	31563	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.40%
32) Benzene-d6	5.76	84	118713	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.80%
36) 1,2-Dichloropropane-d6	6.73	67	39067	4.56	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.20%
41) Toluene-d8	7.92	98	108306	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.40%
43) trans-1,3-Dichloropropene-	8.20	79	17407	4.51	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.20%
46) 2-Hexanone-d5	8.66	63	83501	44.69	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.38%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	33176	4.74	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.80%
64) 1,2-Dichlorobenzene-d4	12.21	152	38849	4.76	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.20%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.39	85	30387	4.463	ug/L 98
3) Chloromethane	1.54	50	35739	5.067	ug/L 99
5) Vinyl chloride	1.62	62	33104	4.641	ug/L 96
6) Bromomethane	1.87	94	16234	4.759	ug/L 99
8) Chloroethane	1.95	64	20174	4.629	ug/L 92
9) Trichlorofluoromethane	2.16	101	47781	4.548	ug/L 98
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	27120	4.498	ug/L 97
12) 1,1-Dichloroethene	2.60	96	26319	4.518	ug/L 98
13) Acetone	2.66	43	44842	39.729	ug/L 99
14) Carbon disulfide	2.82	76	83639	4.371	ug/L 97
15) Methyl Acetate	2.98	43	12831	3.836	ug/L 97
16) Methylene chloride	3.08	84	30516	4.464	ug/L 96
17) Methyl tert-butyl Ether	3.40	73	73061	4.462	ug/L 98
18) trans-1,2-Dichloroethene	3.39	96	29765	4.702	ug/L 96
19) 1,1-Dichloroethane	3.91	63	55173	4.645	ug/L 99
21) 2-Butanone	4.74	43	79847	40.214	ug/L 97
22) cis-1,2-Dichloroethene	4.71	96	31164	4.515	ug/L 94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.02	128	13355	4.440	ug/L	93
25) Chloroform	5.13	83	55025	4.497	ug/L	95
27) 1,2-Dichloroethane	5.83	62	34587	4.406	ug/L	99
29) 1,1,1-Trichloroethane	5.35	97	48434	4.443	ug/L	99
30) Cyclohexane	5.43	56	50225	4.243	ug/L	98
31) Carbon tetrachloride	5.56	117	39657	4.474	ug/L	100
33) Benzene	5.81	78	120116	4.468	ug/L	100
34) Trichloroethene	6.57	95	31373	4.423	ug/L	98
35) Methylcyclohexane	6.79	83	50604	4.262	ug/L	96
37) 1,2-Dichloropropane	6.83	63	32272	4.448	ug/L	99
38) Bromodichloromethane	7.14	83	41381	4.469	ug/L	99
39) cis-1,3-Dichloropropene	7.64	75	49341	4.444	ug/L	95
40) 4-Methyl-2-pentanone	7.82	43	210181	41.591	ug/L	99
42) Toluene	8.00	91	128573	4.500	ug/L	97
44) trans-1,3-Dichloropropene	8.24	75	42782	4.393	ug/L	99
45) 1,1,2-Trichloroethane	8.43	97	21510	4.239	ug/L	96
47) Tetrachloroethene	8.58	164	21152	4.558	ug/L	93
48) 2-Hexanone	8.71	43	147832	40.389	ug/L	99
49) Dibromochloromethane	8.83	129	27353	4.526	ug/L	95
50) 1,2-Dibromoethane	8.95	107	20754	4.205	ug/L	95
51) Chlorobenzene	9.47	112	81466	4.620	ug/L	99
52) Ethylbenzene	9.59	91	145592	4.472	ug/L	99
53) m,p-Xylene	9.72	106	54289	4.437	ug/L	98
54) o-Xylene	10.12	106	54532	4.627	ug/L	96
55) Styrene	10.13	104	92487	4.544	ug/L	94
56) Isopropylbenzene	10.50	105	144292	4.496	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.80	83	28625	4.193	ug/L	98
59) 1,2,3-Trichloropropane	10.84	75	20343	4.276	ug/L	98
61) Bromoform	10.31	173	15309	4.701	ug/L	98
62) 1,3-Dichlorobenzene	11.76	146	63616	4.863	ug/L	98
63) 1,4-Dichlorobenzene	11.85	146	62116	4.670	ug/L	97
65) 1,2-Dichlorobenzene	12.23	146	60488	4.832	ug/L	98
66) 1,2-Dibromo-3-chloropropan	13.02	75	5518	4.588	ug/L	91
67) 1,3,5-Trichlorobenzene	13.25	180	44879	4.753	ug/L	100
68) 1,2,4-trichlorobenzene	13.87	180	41636	4.739	ug/L	98
69) Naphthalene	14.12	128	104164	5.329	ug/L	99
70) 1,2,3-Trichlorobenzene	14.37	180	36694	4.708	ug/L	98

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

