

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072120\
 Data File : VU039592.D
 Acq On : 21 Jul 2020 12:03
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00529

Quant Time: Jul 22 01:56:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR072120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jul 22 01:54:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	114655	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	113357	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	55085	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	27942	5.25	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	105.00%
7) Chloroethane-d5	1.93	69	27867	4.80	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.00%
11) 1,1-Dichloroethene-d2	2.58	63	60680	5.07	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	101.40%
20) 2-Butanone-d5	4.66	46	123264	51.35	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.70%
24) Chloroform-d	5.08	84	70386	5.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.40%
26) 1,2-Dichloroethane-d4	5.72	65	44977	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.00%
32) Benzene-d6	5.75	84	133101	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.60%
36) 1,2-Dichloropropane-d6	6.70	67	45083	5.02	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.40%
41) Toluene-d8	7.91	98	127293	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.60%
43) trans-1,3-Dichloropropene-	8.19	79	19363	4.96	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.20%
46) 2-Hexanone-d5	8.64	63	97710	51.24	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.48%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	40953	4.92	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	49634	5.01	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.20%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.39	85	29825	5.318 ug/L	98
3) Chloromethane	1.53	50	33337	5.475 ug/L	100
5) Vinyl chloride	1.61	62	34884	5.340 ug/L	98
6) Bromomethane	1.87	94	22820	5.418 ug/L	93
8) Chloroethane	1.94	64	27290	5.053 ug/L	93
9) Trichlorofluoromethane	2.15	101	67341	4.880 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	29788	5.001 ug/L	96
12) 1,1-Dichloroethene	2.59	96	28105	5.183 ug/L	91
13) Acetone	2.66	43	64961	48.628 ug/L	98
14) Carbon disulfide	2.81	76	85223	5.225 ug/L	99
15) Methyl Acetate	2.97	43	17377	5.325 ug/L	95
16) Methylene chloride	3.06	84	37088	4.734 ug/L	100
17) Methyl tert-butyl Ether	3.38	73	88925	5.160 ug/L	99
18) trans-1,2-Dichloroethene	3.37	96	31956	5.308 ug/L	95
19) 1,1-Dichloroethane	3.89	63	64652	5.236 ug/L	99
21) 2-Butanone	4.74	43	121915	52.684 ug/L	99
22) cis-1,2-Dichloroethene	4.69	96	37577	5.358 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.99	128	17099	5.250	ug/L	96
25) Chloroform	5.11	83	72303	5.136	ug/L	99
27) 1,2-Dichloroethane	5.81	62	50769	5.303	ug/L	100
29) 1,1,1-Trichloroethane	5.34	97	61600	5.143	ug/L	97
30) Cyclohexane	5.41	56	51619	4.893	ug/L	98
31) Carbon tetrachloride	5.54	117	50426	4.921	ug/L	98
33) Benzene	5.79	78	141730	5.203	ug/L	100
34) Trichloroethene	6.56	95	38317	5.108	ug/L	96
35) Methylcyclohexane	6.78	83	53257	4.833	ug/L	97
37) 1,2-Dichloropropane	6.81	63	38083	5.023	ug/L	100
38) Bromodichloromethane	7.12	83	51597	5.172	ug/L	97
39) cis-1,3-Dichloropropene	7.62	75	56578	5.196	ug/L	99
40) 4-Methyl-2-pentanone	7.80	43	302446	51.108	ug/L	100
42) Toluene	7.98	91	156579	5.251	ug/L	96
44) trans-1,3-Dichloropropene	8.22	75	50840	5.112	ug/L	100
45) 1,1,2-Trichloroethane	8.41	97	29729	5.165	ug/L	93
47) Tetrachloroethene	8.56	164	25701	5.009	ug/L	93
48) 2-Hexanone	8.69	43	226546	51.719	ug/L	98
49) Dibromochloromethane	8.82	129	35478	5.070	ug/L	100
50) 1,2-Dibromoethane	8.93	107	30167	5.349	ug/L	92
51) Chlorobenzene	9.45	112	99345	5.206	ug/L	99
52) Ethylbenzene	9.57	91	175340	5.169	ug/L	98
53) m,p-Xylene	9.70	106	64136	5.067	ug/L	96
54) o-Xylene	10.10	106	63049	5.101	ug/L	97
55) Styrene	10.11	104	109907	5.295	ug/L	97
56) Isopropylbenzene	10.48	105	170618	5.056	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.78	83	39459	5.302	ug/L	97
59) 1,2,3-Trichloropropane	10.82	75	28792	5.178	ug/L	98
61) Bromoform	10.29	173	20287	5.201	ug/L	98
62) 1,3-Dichlorobenzene	11.74	146	77738	5.194	ug/L	96
63) 1,4-Dichlorobenzene	11.83	146	77927	5.172	ug/L	98
65) 1,2-Dichlorobenzene	12.21	146	76070	5.262	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.99	75	6686	6.049	ug/L	89
67) 1,3,5-Trichlorobenzene	13.21	180	57727	5.359	ug/L	99
68) 1,2,4-trichlorobenzene	13.83	180	49228	5.565	ug/L	96
69) Naphthalene	14.08	128	90934	6.070	ug/L	100
70) 1,2,3-Trichlorobenzene	14.32	180	44762	5.695	ug/L	98

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

