

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070620\
 Data File : VU039308.D
 Acq On : 06 Jul 2020 21:47
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00528

Quant Time: Jul 07 01:22:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jul 07 01:17:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	113901	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	108228	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	51694	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	46020	5.25	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	105.00%
7) Chloroethane-d5	1.93	69	45156	5.39	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.80%
11) 1,1-Dichloroethene-d2	2.58	63	85497	5.25	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	105.00%
20) 2-Butanone-d5	4.65	46	169617	51.38	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.76%
24) Chloroform-d	5.09	84	89645	5.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.00%
26) 1,2-Dichloroethane-d4	5.72	65	52825	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.80%
32) Benzene-d6	5.74	84	174036	5.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.80%
36) 1,2-Dichloropropane-d6	6.71	67	56741	5.13	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.60%
41) Toluene-d8	7.91	98	157466	5.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.80%
43) trans-1,3-Dichloropropene-	8.19	79	24481	4.78	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.60%
46) 2-Hexanone-d5	8.64	63	136373	50.56	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.12%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	52088	4.93	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	59207	5.07	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.40%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.39	85	33842	5.225	ug/L	98
3) Chloromethane	1.53	50	35681	4.323	ug/L	92
5) Vinyl chloride	1.61	62	42592	5.019	ug/L	98
6) Bromomethane	1.87	94	8902	1.711	ug/L	96
8) Chloroethane	1.94	64	32026	5.514	ug/L	99
9) Trichlorofluoromethane	2.15	101	71791	4.837	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	33996	5.252	ug/L	96
12) 1,1-Dichloroethene	2.59	96	32479	5.034	ug/L	90
13) Acetone	2.66	43	76631	49.055	ug/L	99
14) Carbon disulfide	2.81	76	105639	5.135	ug/L	100
15) Methyl Acetate	2.97	43	21010	5.376	ug/L	100
16) Methylene chloride	3.06	84	37896	4.612	ug/L	96
17) Methyl tert-butyl Ether	3.38	73	106306	5.009	ug/L	99
18) trans-1,2-Dichloroethene	3.38	96	36304	5.175	ug/L	93
19) 1,1-Dichloroethane	3.89	63	71274	5.071	ug/L	99
21) 2-Butanone	4.73	43	144662	50.879	ug/L	99
22) cis-1,2-Dichloroethene	4.69	96	40376	5.051	ug/L	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

23) Bromochloromethane	5.00	128	18047	5.011	ug/L #	93
25) Chloroform	5.11	83	72553	4.956	ug/L	98
27) 1,2-Dichloroethane	5.81	62	52924	5.017	ug/L	97
29) 1,1,1-Trichloroethane	5.34	97	63325	5.094	ug/L	98
30) Cyclohexane	5.41	56	68214	5.479	ug/L	97
31) Carbon tetrachloride	5.54	117	53570	5.125	ug/L	99
33) Benzene	5.79	78	157389	5.160	ug/L	100
34) Trichloroethene	6.56	95	41254	5.245	ug/L	94
35) Methylcyclohexane	6.78	83	64463	5.119	ug/L	100
37) 1,2-Dichloropropane	6.81	63	43641	5.128	ug/L	100
38) Bromodichloromethane	7.12	83	55667	5.018	ug/L	100
39) cis-1,3-Dichloropropene	7.62	75	63968	4.836	ug/L	95
40) 4-Methyl-2-pentanone	7.80	43	356299	49.473	ug/L	99
42) Toluene	7.98	91	167833	5.055	ug/L	99
44) trans-1,3-Dichloropropene	8.22	75	56071	4.706	ug/L	98
45) 1,1,2-Trichloroethane	8.41	97	31802	5.025	ug/L	97
47) Tetrachloroethene	8.56	164	28866	5.223	ug/L	95
48) 2-Hexanone	8.69	43	260331	48.606	ug/L	98
49) Dibromochloromethane	8.82	129	37899	4.769	ug/L	99
50) 1,2-Dibromoethane	8.93	107	31667	4.976	ug/L	98
51) Chlorobenzene	9.45	112	103114	5.022	ug/L	99
52) Ethylbenzene	9.57	91	187456	5.073	ug/L	99
53) m,p-Xylene	9.70	106	69467	4.984	ug/L	100
54) o-Xylene	10.10	106	69593	5.036	ug/L	100
55) Styrene	10.11	104	115878	4.796	ug/L	98
56) Isopropylbenzene	10.48	105	185198	4.949	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.78	83	42656	4.771	ug/L	98
59) 1,2,3-Trichloropropane	10.82	75	30602	4.785	ug/L	97
61) Bromoform	10.29	173	22150	4.806	ug/L	99
62) 1,3-Dichlorobenzene	11.74	146	82408	5.073	ug/L	98
63) 1,4-Dichlorobenzene	11.83	146	81610	5.114	ug/L	98
65) 1,2-Dichlorobenzene	12.21	146	78560	4.937	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.99	75	7265	4.577	ug/L	95
67) 1,3,5-Trichlorobenzene	13.21	180	59804	5.010	ug/L	98
68) 1,2,4-trichlorobenzene	13.83	180	52933	5.129	ug/L	98
69) Naphthalene	14.08	128	104768	5.295	ug/L	99
70) 1,2,3-Trichlorobenzene	14.32	180	48469	5.150	ug/L	98

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

