

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U061520\
 Data File : VU038915.D
 Acq On : 16 Jun 2020 00:27
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00525

Quant Time: Jun 16 02:03:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR061520WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jun 16 01:57:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	265045	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	335057	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	131788	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	63287	4.80	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.00%
7) Chloroethane-d5	1.93	69	63507	4.90	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.00%
11) 1,1-Dichloroethene-d2	2.59	63	155187	4.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.80%
20) 2-Butanone-d5	4.68	46	246762	51.63	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.26%
24) Chloroform-d	5.10	84	163821	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.80%
26) 1,2-Dichloroethane-d4	5.74	65	93423	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.60%
32) Benzene-d6	5.76	84	302255	4.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.00%
36) 1,2-Dichloropropane-d6	6.72	67	94195	4.05	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	81.00%
41) Toluene-d8	7.92	98	271824	3.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.60%
43) trans-1,3-Dichloropropene-	8.20	79	40436	3.93	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.60%
46) 2-Hexanone-d5	8.66	63	206521	40.77	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.54%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	94580	4.29	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.80%
64) 1,2-Dichlorobenzene-d4	12.20	152	106941	4.75	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.00%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.39	85	112309	4.354	ug/L 98
3) Chloromethane	1.53	50	104585	4.860	ug/L 99
5) Vinyl chloride	1.62	62	112066	4.936	ug/L 100
6) Bromomethane	1.87	94	66693	4.783	ug/L 97
8) Chloroethane	1.95	64	84352	4.998	ug/L 100
9) Trichlorofluoromethane	2.16	101	183769	4.660	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	85546	4.374	ug/L 98
12) 1,1-Dichloroethene	2.60	96	90768	4.846	ug/L 95
13) Acetone	2.68	43	151869	38.827	ug/L 79
14) Carbon disulfide	2.82	76	289252	4.652	ug/L 99
15) Methyl Acetate	2.99	43	43714	4.581	ug/L 97
16) Methylene chloride	3.08	84	107852	5.008	ug/L 95
17) Methyl tert-butyl Ether	3.40	73	238824	4.997	ug/L 99
18) trans-1,2-Dichloroethene	3.39	96	96795	4.878	ug/L 99
19) 1,1-Dichloroethane	3.91	63	183992	5.058	ug/L 99
21) 2-Butanone	4.76	43	326242	51.308	ug/L 100
22) cis-1,2-Dichloroethene	4.71	96	103089	4.968	ug/L 96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.02	128	50540	5.144	ug/L	95
25) Chloroform	5.13	83	187927	4.957	ug/L	96
27) 1,2-Dichloroethane	5.83	62	136207	5.061	ug/L	96
29) 1,1,1-Trichloroethane	5.35	97	160530	3.868	ug/L	99
30) Cyclohexane	5.42	56	128062	3.425	ug/L	99
31) Carbon tetrachloride	5.56	117	132764	3.759	ug/L	98
33) Benzene	5.81	78	398369	4.003	ug/L	100
34) Trichloroethene	6.57	95	99271	3.820	ug/L	96
35) Methylcyclohexane	6.79	83	127691	3.298	ug/L	100
37) 1,2-Dichloropropane	6.82	63	103240	4.020	ug/L	100
38) Bromodichloromethane	7.13	83	134495	3.983	ug/L	100
39) cis-1,3-Dichloropropene	7.63	75	141924	3.864	ug/L	99
40) 4-Methyl-2-pentanone	7.82	43	725888	41.440	ug/L	100
42) Toluene	7.99	91	409859	3.907	ug/L	99
44) trans-1,3-Dichloropropene	8.23	75	132824	3.954	ug/L	97
45) 1,1,2-Trichloroethane	8.42	97	81131	4.133	ug/L	98
47) Tetrachloroethene	8.57	164	72187	3.624	ug/L	97
48) 2-Hexanone	8.71	43	587266	42.291	ug/L	99
49) Dibromochloromethane	8.83	129	92629	4.067	ug/L	96
50) 1,2-Dibromoethane	8.94	107	80712	4.242	ug/L	99
51) Chlorobenzene	9.47	112	336372	4.928	ug/L	99
52) Ethylbenzene	9.59	91	555965	4.764	ug/L	98
53) m,p-Xylene	9.71	106	207726	4.737	ug/L	98
54) o-Xylene	10.12	106	201540	4.777	ug/L	99
55) Styrene	10.13	104	361960	4.939	ug/L	100
56) Isopropylbenzene	10.50	105	425083	3.879	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.80	83	108917	4.328	ug/L	97
59) 1,2,3-Trichloropropane	10.84	75	83154	4.202	ug/L	99
61) Bromoform	10.31	173	59536	5.927	ug/L	98
62) 1,3-Dichlorobenzene	11.76	146	202131	4.865	ug/L	99
63) 1,4-Dichlorobenzene	11.85	146	208744	4.960	ug/L	99
65) 1,2-Dichlorobenzene	12.22	146	201925	4.891	ug/L	99
66) 1,2-Dibromo-3-chloropropan	13.01	75	17271	4.724	ug/L	95
67) 1,3,5-Trichlorobenzene	13.24	180	145256	4.640	ug/L	99
68) 1,2,4-trichlorobenzene	13.86	180	132579	5.056	ug/L	100
69) Naphthalene	14.11	128	249950	5.070	ug/L	98
70) 1,2,3-Trichlorobenzene	14.36	180	125532	5.116	ug/L	99

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

