

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU021720\
 Data File : VU036805.D
 Acq On : 17 Feb 2020 13:15
 Operator : JC/MD
 Sample : L1540-01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBCX8

Quant Time: Feb 18 01:11:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Feb 18 00:46:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	129653	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	124923	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	51261	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	40361	3.62	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.40%
7) Chloroethane-d5	1.93	69	38637	3.99	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.80%
11) 1,1-Dichloroethene-d2	2.59	63	82309	4.42	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.40%
20) 2-Butanone-d5	4.67	46	109435	46.80	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.60%
24) Chloroform-d	5.11	84	74823	4.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.00%
26) 1,2-Dichloroethane-d4	5.74	65	43077	4.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.40%
32) Benzene-d6	5.76	84	161193	4.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.80%
36) 1,2-Dichloropropane-d6	6.73	67	53636	4.45	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.00%
41) Toluene-d8	7.92	98	144347	4.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.60%
43) trans-1,3-Dichloropropene-	8.20	79	19022	4.06	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.20%
46) 2-Hexanone-d5	8.66	63	96303	45.01	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.02%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	42015	4.42	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.40%
64) 1,2-Dichlorobenzene-d4	12.21	152	45539	4.45	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.00%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.39	85	20440	2.387	ug/L	99
3) Chloromethane	1.54	50	71076	7.975	ug/L	99
5) Vinyl chloride	1.62	62	59290	5.695	ug/L	98
6) Bromomethane	1.87	94	31409	5.021	ug/L	98
8) Chloroethane	1.95	64	33660	4.629	ug/L	99
9) Trichlorofluoromethane	2.16	101	122854	8.970	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	36728	4.199	ug/L	98
12) 1,1-Dichloroethene	2.60	96	46798	5.934	ug/L	90
16) Methylene chloride	3.08	84	38823	2.920	ug/L	97
17) Methyl tert-butyl Ether	3.40	73	115254	4.934	ug/L	99
18) trans-1,2-Dichloroethene	3.39	96	57312	7.042	ug/L	99
22) cis-1,2-Dichloroethene	4.71	96	61706	6.265	ug/L	95
23) Bromochloromethane	5.02	128	7831	2.000	ug/L	96
25) Chloroform	5.13	83	79351	4.354	ug/L	100
27) 1,2-Dichloroethane	5.83	62	54220	4.667	ug/L	100
29) 1,1,1-Trichloroethane	5.36	97	65910	4.804	ug/L	99
31) Carbon tetrachloride	5.56	117	52991	4.787	ug/L	99

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34) Trichloroethene	6.57	95	78107	7.959	ug/L	99
37) 1,2-Dichloropropane	6.83	63	50173	4.769	ug/L	99
38) Bromodichloromethane	7.14	83	23672	1.885	ug/L	95
39) cis-1,3-Dichloropropene	7.64	75	25234	1.658	ug/L	100
42) Toluene	8.00	91	123575	2.986	ug/L	98
45) 1,1,2-Trichloroethane	8.43	97	54146	7.397	ug/L	98
47) Tetrachloroethene	8.58	164	32909	4.929	ug/L	98
49) Dibromochloromethane	8.83	129	39283	5.190	ug/L	98
52) Ethylbenzene	9.59	91	447719	9.687	ug/L	99
54) o-Xylene	10.12	106	48181	2.884	ug/L	97
55) Styrene	10.13	104	73819	2.622	ug/L	100
56) Isopropylbenzene	10.50	105	299689	6.704	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.80	83	41595	4.341	ug/L	97
62) 1,3-Dichlorobenzene	11.76	146	33344	1.888	ug/L	99
65) 1,2-Dichlorobenzene	12.23	146	33021	1.939	ug/L	99

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

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