

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072220\
 Data File : VU039619.D
 Acq On : 22 Jul 2020 09:35
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00508

Quant Time: Jul 23 01:21:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR072120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jul 22 02:01:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	125622	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	123092	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	61399	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	25446	4.36	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.20%
7) Chloroethane-d5	1.92	69	27302	4.29	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.80%
11) 1,1-Dichloroethene-d2	2.58	63	61283	4.68	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.60%
20) 2-Butanone-d5	4.65	46	134142	51.00	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.00%
24) Chloroform-d	5.08	84	67483	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.20%
26) 1,2-Dichloroethane-d4	5.72	65	43947	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.00%
32) Benzene-d6	5.74	84	129204	4.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.40%
36) 1,2-Dichloropropane-d6	6.70	67	42462	4.36	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.20%
41) Toluene-d8	7.91	98	120121	4.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.60%
43) trans-1,3-Dichloropropene-	8.19	79	19033	4.49	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.80%
46) 2-Hexanone-d5	8.64	63	102728	49.61	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.22%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	42181	4.66	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	50220	4.55	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.00%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.39	85	28507	4.640	ug/L	96
3) Chloromethane	1.53	50	30962	4.641	ug/L	94
5) Vinyl chloride	1.61	62	34530	4.824	ug/L	100
6) Bromomethane	1.87	94	21057	4.563	ug/L	93
8) Chloroethane	1.94	64	26712	4.514	ug/L	95
9) Trichlorofluoromethane	2.15	101	73108	4.835	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	32290	4.947	ug/L	96
12) 1,1-Dichloroethene	2.59	96	29251	4.923	ug/L	95
13) Acetone	2.66	43	75334	51.469	ug/L	99
14) Carbon disulfide	2.81	76	83284	4.660	ug/L	100
15) Methyl Acetate	2.97	43	16473	4.607	ug/L	97
16) Methylene chloride	3.06	84	34478	4.017	ug/L	97
17) Methyl tert-butyl Ether	3.38	73	90229	4.779	ug/L	99
18) trans-1,2-Dichloroethene	3.37	96	32639	4.948	ug/L	96
19) 1,1-Dichloroethane	3.89	63	63341	4.682	ug/L	98
21) 2-Butanone	4.73	43	121632	47.973	ug/L	96
22) cis-1,2-Dichloroethene	4.68	96	37005	4.816	ug/L	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.99	128	17054	4.779	ug/L	95
25) Chloroform	5.11	83	75814	4.915	ug/L	99
27) 1,2-Dichloroethane	5.81	62	48118	4.587	ug/L	100
29) 1,1,1-Trichloroethane	5.33	97	61513	4.730	ug/L	96
30) Cyclohexane	5.40	56	53896	4.705	ug/L	97
31) Carbon tetrachloride	5.54	117	52809	4.746	ug/L	99
33) Benzene	5.79	78	139532	4.717	ug/L	100
34) Trichloroethene	6.55	95	37260	4.574	ug/L	97
35) Methylcyclohexane	6.77	83	57949	4.842	ug/L	99
37) 1,2-Dichloropropane	6.80	63	39000	4.737	ug/L	100
38) Bromodichloromethane	7.11	83	51215	4.728	ug/L	97
39) cis-1,3-Dichloropropene	7.62	75	56241	4.756	ug/L	99
40) 4-Methyl-2-pentanone	7.80	43	304414	47.372	ug/L	99
42) Toluene	7.98	91	156738	4.840	ug/L	99
44) trans-1,3-Dichloropropene	8.22	75	50810	4.705	ug/L	96
45) 1,1,2-Trichloroethane	8.41	97	28966	4.635	ug/L	95
47) Tetrachloroethene	8.56	164	26691	4.790	ug/L	87
48) 2-Hexanone	8.69	43	230083	48.373	ug/L	99
49) Dibromochloromethane	8.82	129	36196	4.764	ug/L	99
50) 1,2-Dibromoethane	8.93	107	28495	4.653	ug/L	100
51) Chlorobenzene	9.45	112	102717	4.957	ug/L	96
52) Ethylbenzene	9.57	91	178336	4.842	ug/L	100
53) m,p-Xylene	9.70	106	64898	4.722	ug/L	99
54) o-Xylene	10.10	106	64483	4.804	ug/L	98
55) Styrene	10.11	104	109087	4.840	ug/L	99
56) Isopropylbenzene	10.48	105	178311	4.866	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.78	83	38360	4.747	ug/L	95
59) 1,2,3-Trichloropropane	10.82	75	28542	4.727	ug/L	99
61) Bromoform	10.29	173	20146	4.634	ug/L	99
62) 1,3-Dichlorobenzene	11.74	146	82009	4.915	ug/L	99
63) 1,4-Dichlorobenzene	11.83	146	79692	4.745	ug/L	100
65) 1,2-Dichlorobenzene	12.21	146	78347	4.862	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.99	75	6289	5.105	ug/L	95
67) 1,3,5-Trichlorobenzene	13.21	180	58480	4.870	ug/L	99
68) 1,2,4-trichlorobenzene	13.83	180	47853	4.853	ug/L	98
69) Naphthalene	14.08	128	78895	4.725	ug/L	99
70) 1,2,3-Trichlorobenzene	14.32	180	43772	4.996	ug/L	96

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

