

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092120\
 Data File : VU040245.D
 Acq On : 21 Sep 2020 19:41
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00516

Quant Time: Sep 22 07:17:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Sep 22 07:07:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	122120	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	119002	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	59331	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	37407	5.61	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	112.20%
7) Chloroethane-d5	1.92	69	32203	5.80	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	116.00%
11) 1,1-Dichloroethene-d2	2.58	63	91990	5.38	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	107.60%
20) 2-Butanone-d5	4.66	46	166760	62.53	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	125.06%
24) Chloroform-d	5.08	84	85846	5.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.20%
26) 1,2-Dichloroethane-d4	5.72	65	51565	5.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.20%
32) Benzene-d6	5.74	84	156976	5.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	113.00%
36) 1,2-Dichloropropane-d6	6.70	67	49421	5.40	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.00%
41) Toluene-d8	7.90	98	144063	5.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	114.80%
43) trans-1,3-Dichloropropene-	8.19	79	22212	5.28	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	105.60%
46) 2-Hexanone-d5	8.64	63	125795	63.13	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	126.26%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	48373	6.11	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	122.20%#
64) 1,2-Dichlorobenzene-d4	12.19	152	54485	5.67	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.40%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.39	85	55390	4.570	ug/L	99
3) Chloromethane	1.53	50	46716	4.026	ug/L	98
5) Vinyl chloride	1.61	62	51758	4.400	ug/L	96
6) Bromomethane	1.87	94	23249	3.867	ug/L	87
8) Chloroethane	1.94	64	30767	4.352	ug/L	99
9) Trichlorofluoromethane	2.15	101	79792	4.735	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	52629	4.818	ug/L	97
12) 1,1-Dichloroethene	2.59	96	45670	4.832	ug/L	88
13) Acetone	2.66	43	119440	48.379	ug/L	97
14) Carbon disulfide	2.81	76	122102	4.029	ug/L	98
15) Methyl Acetate	2.97	43	28097	4.534	ug/L	96
16) Methylene chloride	3.06	84	52951	4.278	ug/L	95
17) Methyl tert-butyl Ether	3.38	73	135675	4.763	ug/L	100
18) trans-1,2-Dichloroethene	3.37	96	46703	4.594	ug/L	92
19) 1,1-Dichloroethane	3.89	63	95476	4.563	ug/L	99
21) 2-Butanone	4.74	43	199900	49.595	ug/L	96
22) cis-1,2-Dichloroethene	4.69	96	53771	4.919	ug/L	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.99	128	26145	5.459	ug/L	87
25) Chloroform	5.11	83	104831	4.892	ug/L	99
27) 1,2-Dichloroethane	5.81	62	75762	4.825	ug/L	99
29) 1,1,1-Trichloroethane	5.34	97	87365	4.676	ug/L	98
30) Cyclohexane	5.41	56	77891	4.299	ug/L	99
31) Carbon tetrachloride	5.54	117	73497	4.596	ug/L	99
33) Benzene	5.79	78	199923	4.696	ug/L	100
34) Trichloroethene	6.55	95	54637	4.785	ug/L	98
35) Methylcyclohexane	6.77	83	77484	4.431	ug/L	97
37) 1,2-Dichloropropane	6.80	63	55783	4.839	ug/L	99
38) Bromodichloromethane	7.11	83	74561	4.738	ug/L	97
39) cis-1,3-Dichloropropene	7.62	75	80282	4.722	ug/L	97
40) 4-Methyl-2-pentanone	7.80	43	474526	50.171	ug/L	98
42) Toluene	7.98	91	215955	4.926	ug/L	98
44) trans-1,3-Dichloropropene	8.21	75	75097	4.767	ug/L	95
45) 1,1,2-Trichloroethane	8.41	97	42811	5.098	ug/L	97
47) Tetrachloroethene	8.56	164	36430	4.857	ug/L	96
48) 2-Hexanone	8.69	43	349786	50.700	ug/L	98
49) Dibromochloromethane	8.82	129	51148	5.074	ug/L	98
50) 1,2-Dibromoethane	8.93	107	41944	5.180	ug/L #	97
51) Chlorobenzene	9.45	112	138873	5.102	ug/L	96
52) Ethylbenzene	9.57	91	238344	4.785	ug/L	99
53) m,p-Xylene	9.69	106	90529	5.104	ug/L	96
54) o-Xylene	10.10	106	84816	5.018	ug/L	98
55) Styrene	10.11	104	149994	5.103	ug/L	97
56) Isopropylbenzene	10.48	105	230185	4.994	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.78	83	57896	5.377	ug/L	99
59) 1,2,3-Trichloropropane	10.82	75	42428	4.968	ug/L	99
61) Bromoform	10.29	173	27736	5.097	ug/L	97
62) 1,3-Dichlorobenzene	11.74	146	111541	5.143	ug/L	98
63) 1,4-Dichlorobenzene	11.83	146	111352	5.075	ug/L	98
65) 1,2-Dichlorobenzene	12.20	146	107507	5.124	ug/L	96
66) 1,2-Dibromo-3-chloropropan	12.99	75	9805	4.369	ug/L	98
67) 1,3,5-Trichlorobenzene	13.21	180	71834	4.711	ug/L	99
68) 1,2,4-trichlorobenzene	13.83	180	62380	4.750	ug/L	99
69) Naphthalene	14.08	128	118072	4.313	ug/L	98
70) 1,2,3-Trichlorobenzene	14.32	180	57290	4.749	ug/L	98

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

