

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091420\
 Data File : VU040132.D
 Acq On : 14 Sep 2020 20:42
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00529

Quant Time: Sep 15 01:55:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Sep 15 01:48:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	117533	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	115829	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	59452	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	29486	4.60	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.00%
7) Chloroethane-d5	1.92	69	24851	4.65	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.00%
11) 1,1-Dichloroethene-d2	2.58	63	77539	4.71	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.20%
20) 2-Butanone-d5	4.66	46	108648	42.33	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	84.66%
24) Chloroform-d	5.08	84	63990	4.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.40%
26) 1,2-Dichloroethane-d4	5.72	65	38543	4.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.40%
32) Benzene-d6	5.74	84	115575	4.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.40%
36) 1,2-Dichloropropane-d6	6.70	67	38032	4.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.40%
41) Toluene-d8	7.91	98	103678	4.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.80%
43) trans-1,3-Dichloropropene-	8.19	79	16079	3.93	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.60%
46) 2-Hexanone-d5	8.64	63	80328	41.42	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.84%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	33633	4.36	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	38963	4.05	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	81.00%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	58665	5.029 ug/L	97
3) Chloromethane	1.52	50	44453	3.981 ug/L	98
5) Vinyl chloride	1.61	62	51825	4.578 ug/L	98
6) Bromomethane	1.86	94	16256	2.809 ug/L	99
8) Chloroethane	1.94	64	32894	4.835 ug/L	99
9) Trichlorofluoromethane	2.15	101	80950	4.992 ug/L	96
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	52973	5.039 ug/L	99
12) 1,1-Dichloroethene	2.59	96	48013	5.279 ug/L	92
13) Acetone	2.67	43	115039	48.415 ug/L	74
14) Carbon disulfide	2.81	76	136739	4.688 ug/L	99
15) Methyl Acetate	2.97	43	28302	4.746 ug/L	99
16) Methylene chloride	3.06	84	60026	5.039 ug/L	96
17) Methyl tert-butyl Ether	3.38	73	128116	4.673 ug/L	99
18) trans-1,2-Dichloroethene	3.37	96	48226	4.929 ug/L	96
19) 1,1-Dichloroethane	3.89	63	97762	4.854 ug/L	99
21) 2-Butanone	4.74	43	194399	50.113 ug/L	97
22) cis-1,2-Dichloroethene	4.69	96	54020	5.135 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.00	128	25280	5.484	ug/L	91
25) Chloroform	5.11	83	105842	5.132	ug/L	98
27) 1,2-Dichloroethane	5.81	62	76046	5.033	ug/L	100
29) 1,1,1-Trichloroethane	5.33	97	91922	5.054	ug/L	98
30) Cyclohexane	5.40	56	81770	4.637	ug/L	98
31) Carbon tetrachloride	5.54	117	74598	4.793	ug/L	98
33) Benzene	5.79	78	209153	5.047	ug/L	100
34) Trichloroethene	6.55	95	55410	4.985	ug/L	97
35) Methylcyclohexane	6.77	83	78861	4.633	ug/L	96
37) 1,2-Dichloropropane	6.80	63	56531	5.038	ug/L	100
38) Bromodichloromethane	7.11	83	74526	4.866	ug/L	98
39) cis-1,3-Dichloropropene	7.62	75	76879	4.646	ug/L	98
40) 4-Methyl-2-pentanone	7.80	43	454418	49.361	ug/L	99
42) Toluene	7.98	91	220374	5.164	ug/L	98
44) trans-1,3-Dichloropropene	8.22	75	71925	4.691	ug/L	99
45) 1,1,2-Trichloroethane	8.41	97	42942	5.254	ug/L	98
47) Tetrachloroethene	8.56	164	36708	5.028	ug/L	95
48) 2-Hexanone	8.69	43	334112	49.755	ug/L	100
49) Dibromochloromethane	8.81	129	49835	5.080	ug/L	97
50) 1,2-Dibromoethane	8.93	107	39826	5.054	ug/L	96
51) Chlorobenzene	9.45	112	140664	5.309	ug/L	95
52) Ethylbenzene	9.57	91	243024	5.012	ug/L	98
53) m,p-Xylene	9.69	106	89630	5.192	ug/L	99
54) o-Xylene	10.10	106	86432	5.254	ug/L	99
55) Styrene	10.11	104	156037	5.455	ug/L	95
56) Isopropylbenzene	10.48	105	238330	5.312	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.78	83	55574	5.302	ug/L	99
59) 1,2,3-Trichloropropane	10.82	75	42556	5.119	ug/L	99
61) Bromoform	10.29	173	24934	4.573	ug/L	97
62) 1,3-Dichlorobenzene	11.74	146	112468	5.176	ug/L	100
63) 1,4-Dichlorobenzene	11.83	146	113671	5.170	ug/L	96
65) 1,2-Dichlorobenzene	12.20	146	107528	5.114	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.99	75	9329	4.149	ug/L	92
67) 1,3,5-Trichlorobenzene	13.21	180	73530	4.812	ug/L	99
68) 1,2,4-trichlorobenzene	13.83	180	62631	4.759	ug/L	99
69) Naphthalene	14.08	128	117285	4.275	ug/L	99
70) 1,2,3-Trichlorobenzene	14.32	180	59267	4.903	ug/L	97

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

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