

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU011121\
 Data File : VU041960.D
 Acq On : 12 Jan 2021 07:23
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00515

Quant Time: Jan 12 08:01:18 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR011121WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jan 12 05:50:11 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	129392	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	124814	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	56869	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	52405	4.80	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.00%
7) Chloroethane-d5	1.92	69	47974	4.75	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.00%
11) 1,1-Dichloroethene-d2	2.58	63	105606	5.11	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	102.20%
20) 2-Butanone-d5	4.66	46	188934	62.34	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	124.68%
24) Chloroform-d	5.08	84	99664	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.20%
26) 1,2-Dichloroethane-d4	5.72	65	58987	5.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.60%
32) Benzene-d6	5.74	84	203439	5.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.20%
36) 1,2-Dichloropropane-d6	6.70	67	61037	5.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.40%
41) Toluene-d8	7.90	98	161968	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.80%
43) trans-1,3-Dichloropropene-	8.19	79	24383	5.04	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.80%
46) 2-Hexanone-d5	8.64	63	158575	64.82	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	129.64%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	58780	5.73	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	114.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	53878	5.01	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.20%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.39	85	62325	4.980	ug/L	98
3) Chloromethane	1.52	50	74542	5.474	ug/L	98
5) Vinyl chloride	1.61	62	76492	5.175	ug/L	98
6) Bromomethane	1.86	94	43708	4.890	ug/L	98
8) Chloroethane	1.94	64	45822	5.075	ug/L	99
9) Trichlorofluoromethane	2.15	101	99672	5.226	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	53345	5.140	ug/L	96
12) 1,1-Dichloroethene	2.59	96	51412	5.089	ug/L	92
13) Acetone	2.67	43	114579	58.211	ug/L #	41
14) Carbon disulfide	2.80	76	168479	5.345	ug/L	99
15) Methyl Acetate	2.97	43	26936	6.023	ug/L	98
16) Methylene chloride	3.06	84	80682	6.355	ug/L	97
17) Methyl tert-butyl Ether	3.38	73	134389	5.547	ug/L	98
18) trans-1,2-Dichloroethene	3.37	96	50680	5.167	ug/L	100
19) 1,1-Dichloroethane	3.89	63	101310	5.504	ug/L	99
21) 2-Butanone	4.74	43	199618	65.354	ug/L	98
22) cis-1,2-Dichloroethene	4.68	96	54969	5.248	ug/L	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.99	128	24041	4.919	ug/L	92
25) Chloroform	5.11	83	102215	5.328	ug/L	98
27) 1,2-Dichloroethane	5.81	62	71997	5.855	ug/L	96
29) 1,1,1-Trichloroethane	5.33	97	85698	5.261	ug/L	98
30) Cyclohexane	5.40	56	88368	5.791	ug/L	93
31) Carbon tetrachloride	5.54	117	72648	5.161	ug/L	97
33) Benzene	5.79	78	234825	5.837	ug/L	100
34) Trichloroethene	6.55	95	54943	5.203	ug/L	94
35) Methylcyclohexane	6.77	83	80556	5.190	ug/L	96
37) 1,2-Dichloropropane	6.80	63	57065	5.689	ug/L	98
38) Bromodichloromethane	7.11	83	71682	5.340	ug/L	94
39) cis-1,3-Dichloropropene	7.61	75	80811	5.456	ug/L	99
40) 4-Methyl-2-pentanone	7.80	43	420241	65.985	ug/L	96
42) Toluene	7.97	91	217818	5.241	ug/L	97
44) trans-1,3-Dichloropropene	8.21	75	71004	5.419	ug/L	99
45) 1,1,2-Trichloroethane	8.40	97	45643	5.935	ug/L	98
47) Tetrachloroethene	8.56	164	37076	5.046	ug/L	97
48) 2-Hexanone	8.69	43	327148	69.685	ug/L	98
49) Dibromochloromethane	8.81	129	47629	5.089	ug/L	97
50) 1,2-Dibromoethane	8.93	107	40720	5.616	ug/L #	97
51) Chlorobenzene	9.45	112	144494	5.523	ug/L	96
52) Ethylbenzene	9.57	91	243990	5.573	ug/L	99
53) m,p-Xylene	9.69	106	90247	5.568	ug/L	97
54) o-Xylene	10.10	106	87828	5.607	ug/L	94
55) Styrene	10.11	104	155909	5.726	ug/L	100
56) Isopropylbenzene	10.48	105	228773	5.439	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.78	83	58777	5.848	ug/L	98
59) 1,2,3-Trichloropropane	10.82	75	44616	6.089	ug/L	99
61) Bromoform	10.29	173	29931	6.213	ug/L	97
62) 1,3-Dichlorobenzene	11.74	146	91427	5.067	ug/L	99
63) 1,4-Dichlorobenzene	11.83	146	93360	5.155	ug/L	99
65) 1,2-Dichlorobenzene	12.20	146	92297	5.314	ug/L	95
66) 1,2-Dibromo-3-chloropropan	12.99	75	9743	6.176	ug/L	90
67) 1,3,5-Trichlorobenzene	13.21	180	61850	4.695	ug/L	97
68) 1,2,4-trichlorobenzene	13.83	180	50064	5.042	ug/L	97
69) Naphthalene	14.07	128	98349	5.841	ug/L	99
70) 1,2,3-Trichlorobenzene	14.32	180	49204	5.241	ug/L	98

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

