

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111920\
 Data File : VU041337.D
 Acq On : 19 Nov 2020 01:45
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00528

Quant Time: Nov 19 02:17:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Nov 19 00:50:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	67944	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	67906	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	33818	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	19816	3.96	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.20%
7) Chloroethane-d5	1.92	69	19503	4.56	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.20%
11) 1,1-Dichloroethene-d2	2.58	63	46984	4.55	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.00%
20) 2-Butanone-d5	4.66	46	97408	47.27	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.54%
24) Chloroform-d	5.08	84	55775	5.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.20%
26) 1,2-Dichloroethane-d4	5.72	65	33985	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.40%
32) Benzene-d6	5.74	84	96498	5.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.40%
36) 1,2-Dichloropropane-d6	6.70	67	32775	5.20	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.00%
41) Toluene-d8	7.91	98	91776	5.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.40%
43) trans-1,3-Dichloropropene-	8.18	79	13504	4.97	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.40%
46) 2-Hexanone-d5	8.64	63	72478	49.98	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.96%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	29805	4.87	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	33432	5.07	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.40%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.39	85	27817	4.960 ug/L	99
3) Chloromethane	1.53	50	23465	3.885 ug/L	97
5) Vinyl chloride	1.61	62	25354	4.298 ug/L	99
6) Bromomethane	1.86	94	7093	2.027 ug/L	95
8) Chloroethane	1.94	64	15999	4.087 ug/L	98
9) Trichlorofluoromethane	2.15	101	44933	4.891 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	23419	4.679 ug/L	94
12) 1,1-Dichloroethene	2.59	96	20682	4.676 ug/L	92
13) Acetone	2.66	43	56598	41.402 ug/L #	60
14) Carbon disulfide	2.81	76	53916	4.142 ug/L	98
15) Methyl Acetate	2.97	43	12990	4.574 ug/L	98
16) Methylene chloride	3.06	84	29576	5.333 ug/L	96
17) Methyl tert-butyl Ether	3.38	73	59099	4.881 ug/L	99
18) trans-1,2-Dichloroethene	3.37	96	21030	4.882 ug/L	96
19) 1,1-Dichloroethane	3.89	63	47174	4.898 ug/L	97
21) 2-Butanone	4.74	43	91963	44.310 ug/L	99
22) cis-1,2-Dichloroethene	4.68	96	24171	4.968 ug/L	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.99	128	12002	4.976	ug/L	92
25) Chloroform	5.11	83	51263	4.908	ug/L	97
27) 1,2-Dichloroethane	5.81	62	36823	4.904	ug/L #	90
29) 1,1,1-Trichloroethane	5.33	97	43705	5.266	ug/L	94
30) Cyclohexane	5.40	56	31573	4.604	ug/L	94
31) Carbon tetrachloride	5.54	117	38225	5.311	ug/L	99
33) Benzene	5.79	78	96721	5.256	ug/L	100
34) Trichloroethene	6.56	95	24980	5.023	ug/L	99
35) Methylcyclohexane	6.77	83	31652	4.790	ug/L	98
37) 1,2-Dichloropropane	6.80	63	27595	5.130	ug/L #	97
38) Bromodichloromethane	7.11	83	37093	5.276	ug/L #	93
39) cis-1,3-Dichloropropene	7.62	75	37062	4.940	ug/L	100
40) 4-Methyl-2-pentanone	7.80	43	212429	47.722	ug/L	99
42) Toluene	7.98	91	101394	5.156	ug/L	99
44) trans-1,3-Dichloropropene	8.22	75	35331	4.978	ug/L	98
45) 1,1,2-Trichloroethane	8.40	97	20788	4.997	ug/L	95
47) Tetrachloroethene	8.56	164	17783	4.839	ug/L	98
48) 2-Hexanone	8.69	43	160125	48.189	ug/L	100
49) Dibromochloromethane	8.81	129	25743	5.222	ug/L	100
50) 1,2-Dibromoethane	8.93	107	19399	5.027	ug/L	100
51) Chlorobenzene	9.45	112	65255	5.009	ug/L	100
52) Ethylbenzene	9.57	91	106225	5.058	ug/L	99
53) m,p-Xylene	9.70	106	40071	5.279	ug/L	97
54) o-Xylene	10.10	106	38971	5.330	ug/L	99
55) Styrene	10.11	104	68774	5.312	ug/L	100
56) Isopropylbenzene	10.48	105	105788	5.463	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.78	83	26426	4.860	ug/L	99
59) 1,2,3-Trichloropropane	10.82	75	20851	4.915	ug/L	99
61) Bromoform	10.29	173	14794	4.777	ug/L	97
62) 1,3-Dichlorobenzene	11.74	146	52318	5.141	ug/L	95
63) 1,4-Dichlorobenzene	11.83	146	51365	4.899	ug/L	99
65) 1,2-Dichlorobenzene	12.21	146	50304	4.970	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.99	75	4595	4.890	ug/L	94
67) 1,3,5-Trichlorobenzene	13.21	180	34850	4.808	ug/L	98
68) 1,2,4-trichlorobenzene	13.83	180	26562	4.412	ug/L	95
69) Naphthalene	14.08	128	43418	4.454	ug/L	98
70) 1,2,3-Trichlorobenzene	14.32	180	26275	4.700	ug/L	98

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

