

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU122920\
 Data File : VU041835.D
 Acq On : 29 Dec 2020 14:07
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00530

Quant Time: Dec 30 01:50:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Dec 30 01:48:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	158335	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	154014	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	79069	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	61294	4.95	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.00%
7) Chloroethane-d5	1.92	69	59777	6.24	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	124.80%
11) 1,1-Dichloroethene-d2	2.58	63	119868	5.26	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	105.20%
20) 2-Butanone-d5	4.66	46	162695	45.76	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.52%
24) Chloroform-d	5.08	84	111377	5.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.00%
26) 1,2-Dichloroethane-d4	5.71	65	59995	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.80%
32) Benzene-d6	5.74	84	213964	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.00%
36) 1,2-Dichloropropane-d6	6.70	67	66518	4.81	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.20%
41) Toluene-d8	7.90	98	204942	5.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.00%
43) trans-1,3-Dichloropropene-	8.18	79	29226	4.70	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.00%
46) 2-Hexanone-d5	8.64	63	155983	45.89	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.78%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	61660	4.91	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	76183	5.42	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.40%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.39	85	65569	4.888	ug/L	98
3) Chloromethane	1.52	50	62797	4.819	ug/L	98
5) Vinyl chloride	1.61	62	76641	5.326	ug/L	98
6) Bromomethane	1.86	94	50070	5.565	ug/L	98
8) Chloroethane	1.94	64	45812	4.687	ug/L	97
9) Trichlorofluoromethane	2.14	101	101715	5.585	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	57661	5.294	ug/L	98
12) 1,1-Dichloroethene	2.59	96	54332	5.058	ug/L	92
13) Acetone	2.67	43	100118	44.266	ug/L	99
14) Carbon disulfide	2.80	76	182980	4.929	ug/L	100
15) Methyl Acetate	2.97	43	24696	4.200	ug/L	94
16) Methylene chloride	3.06	84	63658	4.962	ug/L	92
17) Methyl tert-butyl Ether	3.38	73	131672	4.594	ug/L	99
18) trans-1,2-Dichloroethene	3.36	96	53738	4.837	ug/L	96
19) 1,1-Dichloroethane	3.88	63	86383	4.160	ug/L	93
21) 2-Butanone	4.74	43	137105	37.216	ug/L	94
22) cis-1,2-Dichloroethene	4.68	96	53205	4.333	ug/L	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

23) Bromochloromethane	4.99	128	26772	4.746	ug/L	83
25) Chloroform	5.10	83	93577	4.475	ug/L	96
27) 1,2-Dichloroethane	5.81	62	57430	4.056	ug/L	100
29) 1,1,1-Trichloroethane	5.33	97	81615	4.614	ug/L	97
30) Cyclohexane	5.40	56	72818	3.673	ug/L	88
31) Carbon tetrachloride	5.54	117	72646	4.750	ug/L	98
33) Benzene	5.78	78	209058	4.244	ug/L	100
34) Trichloroethene	6.55	95	53624	4.332	ug/L	88
35) Methylcyclohexane	6.77	83	81227	4.060	ug/L	97
37) 1,2-Dichloropropane	6.80	63	51515	4.089	ug/L #	98
38) Bromodichloromethane	7.11	83	67321	4.295	ug/L	97
39) cis-1,3-Dichloropropene	7.61	75	76531	4.100	ug/L	100
40) 4-Methyl-2-pentanone	7.80	43	315121	35.150	ug/L #	94
42) Toluene	7.97	91	226541	4.455	ug/L	99
44) trans-1,3-Dichloropropene	8.21	75	70721	4.236	ug/L	95
45) 1,1,2-Trichloroethane	8.40	97	41955	4.503	ug/L	97
47) Tetrachloroethene	8.56	164	43032	4.966	ug/L	96
48) 2-Hexanone	8.69	43	243838	37.373	ug/L #	96
49) Dibromochloromethane	8.81	129	51658	4.827	ug/L	98
50) 1,2-Dibromoethane	8.92	107	39873	4.326	ug/L #	96
51) Chlorobenzene	9.45	112	142035	4.493	ug/L	95
52) Ethylbenzene	9.57	91	230769	4.262	ug/L	99
53) m,p-Xylene	9.69	106	90629	4.488	ug/L	99
54) o-Xylene	10.10	106	88314	4.465	ug/L	98
55) Styrene	10.11	104	149572	4.377	ug/L	97
56) Isopropylbenzene	10.48	105	229644	4.362	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.78	83	51057	3.938	ug/L	98
59) 1,2,3-Trichloropropane	10.82	75	39412	4.165	ug/L	97
61) Bromoform	10.29	173	30083	5.033	ug/L	98
62) 1,3-Dichlorobenzene	11.74	146	113647	4.700	ug/L	97
63) 1,4-Dichlorobenzene	11.83	146	113269	4.659	ug/L	97
65) 1,2-Dichlorobenzene	12.21	146	109912	4.641	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.99	75	8693	3.914	ug/L #	81
67) 1,3,5-Trichlorobenzene	13.21	180	81401	4.435	ug/L	99
68) 1,2,4-trichlorobenzene	13.83	180	62250	4.041	ug/L	100
69) Naphthalene	14.08	128	104212	3.268	ug/L	99
70) 1,2,3-Trichlorobenzene	14.32	180	58416	3.979	ug/L	98

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

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