

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U122320\
 Data File : VU041795.D
 Acq On : 23 Dec 2020 20:31
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00528

Quant Time: Dec 24 01:14:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Dec 24 01:08:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	140360	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	132368	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	68937	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	40414	3.68	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.60%
7) Chloroethane-d5	1.92	69	41370	4.87	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.40%
11) 1,1-Dichloroethene-d2	2.58	63	91255	4.52	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.40%
20) 2-Butanone-d5	4.66	46	173512	55.05	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.10%
24) Chloroform-d	5.08	84	96274	5.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.40%
26) 1,2-Dichloroethane-d4	5.72	65	54712	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.60%
32) Benzene-d6	5.74	84	178987	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.40%
36) 1,2-Dichloropropane-d6	6.70	67	51301	4.32	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.40%
41) Toluene-d8	7.90	98	142806	4.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.40%
43) trans-1,3-Dichloropropene-	8.18	79	21967	4.11	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.20%
46) 2-Hexanone-d5	8.64	63	135521	46.39	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.78%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	52237	4.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	55011	4.49	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.80%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.39	85	55502	4.668 ug/L	99
3) Chloromethane	1.52	50	50490	4.370 ug/L	99
5) Vinyl chloride	1.61	62	62031	4.863 ug/L	98
6) Bromomethane	1.86	94	44438	5.572 ug/L	100
8) Chloroethane	1.94	64	43034	4.967 ug/L	96
9) Trichlorofluoromethane	2.15	101	93416	5.786 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	53472	5.538 ug/L	96
12) 1,1-Dichloroethene	2.59	96	52758	5.541 ug/L	92
13) Acetone	2.67	43	108158	53.945 ug/L	57
14) Carbon disulfide	2.81	76	159884	4.859 ug/L	100
15) Methyl Acetate	2.97	43	25225	4.839 ug/L	92
16) Methylene chloride	3.06	84	63082	5.547 ug/L	95
17) Methyl tert-butyl Ether	3.38	73	139428	5.488 ug/L	98
18) trans-1,2-Dichloroethene	3.37	96	54977	5.582 ug/L	91
19) 1,1-Dichloroethane	3.89	63	100331	5.451 ug/L	93
21) 2-Butanone	4.75	43	173759	53.206 ug/L	99
22) cis-1,2-Dichloroethene	4.69	96	58857	5.407 ug/L	94

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.99	128	28238	5.647	ug/L	95
25) Chloroform	5.11	83	103606	5.589	ug/L	98
27) 1,2-Dichloroethane	5.81	62	67804	5.401	ug/L	98
29) 1,1,1-Trichloroethane	5.33	97	86786	5.709	ug/L	98
30) Cyclohexane	5.40	56	81786	4.800	ug/L	96
31) Carbon tetrachloride	5.54	117	74424	5.662	ug/L	98
33) Benzene	5.79	78	228286	5.393	ug/L	100
34) Trichloroethene	6.55	95	53616	5.040	ug/L	95
35) Methylcyclohexane	6.77	83	76806	4.467	ug/L	97
37) 1,2-Dichloropropane	6.80	63	51296	4.737	ug/L	98
38) Bromodichloromethane	7.11	83	66802	4.959	ug/L	100
39) cis-1,3-Dichloropropene	7.61	75	74493	4.643	ug/L	98
40) 4-Methyl-2-pentanone	7.80	43	343264	44.551	ug/L	95
42) Toluene	7.97	91	216402	4.951	ug/L	100
44) trans-1,3-Dichloropropene	8.22	75	69099	4.816	ug/L	96
45) 1,1,2-Trichloroethane	8.40	97	43411	5.421	ug/L	96
47) Tetrachloroethene	8.56	164	41597	5.586	ug/L	96
48) 2-Hexanone	8.69	43	256769	45.790	ug/L #	96
49) Dibromochloromethane	8.81	129	51075	5.553	ug/L	96
50) 1,2-Dibromoethane	8.93	107	40511	5.114	ug/L #	98
51) Chlorobenzene	9.45	112	137203	5.050	ug/L	96
52) Ethylbenzene	9.57	91	219205	4.710	ug/L	97
53) m,p-Xylene	9.69	106	84882	4.890	ug/L	99
54) o-Xylene	10.10	106	83619	4.919	ug/L	100
55) Styrene	10.11	104	147008	5.006	ug/L	98
56) Isopropylbenzene	10.48	105	219485	4.850	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.78	83	54971	4.933	ug/L	99
59) 1,2,3-Trichloropropane	10.82	75	41408	5.092	ug/L	99
61) Bromoform	10.29	173	31619	6.067	ug/L	98
62) 1,3-Dichlorobenzene	11.74	146	106227	5.038	ug/L	96
63) 1,4-Dichlorobenzene	11.83	146	104701	4.939	ug/L	97
65) 1,2-Dichlorobenzene	12.20	146	106886	5.177	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.99	75	9333	4.820	ug/L #	80
67) 1,3,5-Trichlorobenzene	13.21	180	74587	4.661	ug/L	97
68) 1,2,4-trichlorobenzene	13.83	180	59657	4.442	ug/L	99
69) Naphthalene	14.07	128	109225	3.929	ug/L	100
70) 1,2,3-Trichlorobenzene	14.32	180	58291	4.554	ug/L	98

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

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