

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U120720\
 Data File : VU041481.D
 Acq On : 07 Dec 2020 09:43
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00529

Quant Time: Dec 08 04:22:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120420WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Dec 05 05:22:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	56606	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	53071	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	31849	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	11237	3.87	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.40%
7) Chloroethane-d5	1.92	69	10848	4.25	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.00%
11) 1,1-Dichloroethene-d2	2.58	63	29277	4.16	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.20%
20) 2-Butanone-d5	4.65	46	49785	45.66	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.32%
24) Chloroform-d	5.08	84	35740	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.00%
26) 1,2-Dichloroethane-d4	5.72	65	23885	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.60%
32) Benzene-d6	5.74	84	53550	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.60%
36) 1,2-Dichloropropane-d6	6.70	67	15264	4.42	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.40%
41) Toluene-d8	7.90	98	49929	4.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.20%
43) trans-1,3-Dichloropropene-	8.18	79	9492	4.63	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.60%
46) 2-Hexanone-d5	8.64	63	38184	44.79	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.58%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	17764	4.66	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	24503	4.50	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.00%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.39	85	23514	4.692	ug/L 99
3) Chloromethane	1.53	50	13920	4.297	ug/L 99
5) Vinyl chloride	1.61	62	16372	4.239	ug/L 94
6) Bromomethane	1.87	94	12772	4.783	ug/L 97
8) Chloroethane	1.94	64	11534	4.591	ug/L 93
9) Trichlorofluoromethane	2.15	101	40789	4.741	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	17790	4.613	ug/L 98
12) 1,1-Dichloroethene	2.59	96	14872	4.488	ug/L 96
13) Acetone	2.66	43	39006	45.955	ug/L 99
14) Carbon disulfide	2.81	76	44517	4.358	ug/L 97
15) Methyl Acetate	2.97	43	7626	4.910	ug/L 96
16) Methylene chloride	3.06	84	17231	3.896	ug/L 95
17) Methyl tert-butyl Ether	3.38	73	48612	4.835	ug/L 98
18) trans-1,2-Dichloroethene	3.37	96	16472	4.922	ug/L 95
19) 1,1-Dichloroethane	3.89	63	29194	4.721	ug/L 99
21) 2-Butanone	4.73	43	51977	48.939	ug/L 97
22) cis-1,2-Dichloroethene	4.68	96	17409	4.691	ug/L 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.99	128	9633	4.966	ug/L	96
25) Chloroform	5.10	83	36943	4.690	ug/L	93
27) 1,2-Dichloroethane	5.81	62	30586	4.968	ug/L	99
29) 1,1,1-Trichloroethane	5.33	97	37992	4.995	ug/L	99
30) Cyclohexane	5.40	56	21612	4.519	ug/L	93
31) Carbon tetrachloride	5.54	117	35912	5.099	ug/L	100
33) Benzene	5.79	78	63671	4.847	ug/L	100
34) Trichloroethene	6.55	95	19855	5.008	ug/L	98
35) Methylcyclohexane	6.77	83	26443	4.889	ug/L	99
37) 1,2-Dichloropropane	6.80	63	15124	4.913	ug/L #	96
38) Bromodichloromethane	7.11	83	27633	4.914	ug/L #	99
39) cis-1,3-Dichloropropene	7.61	75	25171	4.526	ug/L	95
40) 4-Methyl-2-pentanone	7.80	43	123714	50.161	ug/L	98
42) Toluene	7.97	91	70133	4.744	ug/L	98
44) trans-1,3-Dichloropropene	8.21	75	27544	4.959	ug/L	100
45) 1,1,2-Trichloroethane	8.40	97	13369	4.503	ug/L	98
47) Tetrachloroethene	8.56	164	15055	4.808	ug/L	96
48) 2-Hexanone	8.69	43	94784	47.827	ug/L	100
49) Dibromochloromethane	8.81	129	19352	4.785	ug/L	97
50) 1,2-Dibromoethane	8.92	107	13942	4.656	ug/L #	97
51) Chlorobenzene	9.45	112	47361	4.807	ug/L	98
52) Ethylbenzene	9.57	91	79909	4.717	ug/L	96
53) m,p-Xylene	9.69	106	31487	5.120	ug/L	98
54) o-Xylene	10.10	106	29545	4.955	ug/L	98
55) Styrene	10.11	104	53885	5.322	ug/L	94
56) Isopropylbenzene	10.48	105	84463	5.018	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.78	83	17435	4.781	ug/L	97
59) 1,2,3-Trichloropropane	10.82	75	14697	4.921	ug/L	99
61) Bromoform	10.29	173	13505	5.047	ug/L	99
62) 1,3-Dichlorobenzene	11.74	146	44004	4.903	ug/L	97
63) 1,4-Dichlorobenzene	11.83	146	45385	4.932	ug/L	96
65) 1,2-Dichlorobenzene	12.20	146	41838	4.708	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.99	75	4509	5.180	ug/L	86
67) 1,3,5-Trichlorobenzene	13.21	180	33071	4.611	ug/L	99
68) 1,2,4-trichlorobenzene	13.83	180	28983	5.049	ug/L	98
69) Naphthalene	14.08	128	40971	4.542	ug/L	99
70) 1,2,3-Trichlorobenzene	14.32	180	25912	5.100	ug/L	95

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

