

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U120920\
 Data File : VU041527.D
 Acq On : 09 Dec 2020 20:24
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00508

Quant Time: Dec 10 04:49:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120420WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Dec 10 04:45:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	49662	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	49004	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	29129	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	7934	3.11	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	62.20%
7) Chloroethane-d5	1.92	69	8772	3.92	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.40%
11) 1,1-Dichloroethene-d2	2.58	63	24555	3.97	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.40%
20) 2-Butanone-d5	4.65	46	39632	41.43	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	82.86%
24) Chloroform-d	5.08	84	33237	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.40%
26) 1,2-Dichloroethane-d4	5.72	65	21097	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.20%
32) Benzene-d6	5.74	84	48132	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.20%
36) 1,2-Dichloropropane-d6	6.70	67	12640	3.96	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	79.20%
41) Toluene-d8	7.90	98	47861	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.40%
43) trans-1,3-Dichloropropene-	8.18	79	8397	4.44	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.80%
46) 2-Hexanone-d5	8.64	63	31275	39.73	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	79.46%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	14625	4.15	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	23618	4.74	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.80%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.39	85	19218	4.371	ug/L	97
3) Chloromethane	1.53	50	10461	3.681	ug/L	99
5) Vinyl chloride	1.61	62	13836	4.083	ug/L	98
6) Bromomethane	1.87	94	11713	5.000	ug/L	96
8) Chloroethane	1.94	64	9904	4.493	ug/L	94
9) Trichlorofluoromethane	2.15	101	37678	4.991	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	16325	4.825	ug/L	92
12) 1,1-Dichloroethene	2.59	96	14383	4.947	ug/L	86
13) Acetone	2.66	43	28209	37.881	ug/L	99
14) Carbon disulfide	2.81	76	38832	4.333	ug/L	97
15) Methyl Acetate	2.97	43	5187	3.806	ug/L	98
16) Methylene chloride	3.06	84	16310	4.203	ug/L	88
17) Methyl tert-butyl Ether	3.38	73	40201	4.557	ug/L	97
18) trans-1,2-Dichloroethene	3.37	96	14556	4.957	ug/L	95
19) 1,1-Dichloroethane	3.89	63	25245	4.654	ug/L	97
21) 2-Butanone	4.73	43	36934	39.638	ug/L	99
22) cis-1,2-Dichloroethene	4.68	96	15390	4.726	ug/L	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.99	128	8750	5.142	ug/L	92
25) Chloroform	5.11	83	33605	4.862	ug/L	99
27) 1,2-Dichloroethane	5.81	62	25696	4.757	ug/L	97
29) 1,1,1-Trichloroethane	5.33	97	34010	4.843	ug/L	97
30) Cyclohexane	5.40	56	17987	4.073	ug/L	90
31) Carbon tetrachloride	5.54	117	32472	4.993	ug/L	100
33) Benzene	5.79	78	55059	4.539	ug/L	100
34) Trichloroethene	6.55	95	17507	4.782	ug/L	96
35) Methylcyclohexane	6.77	83	23000	4.606	ug/L	95
37) 1,2-Dichloropropane	6.80	63	11939	4.200	ug/L #	94
38) Bromodichloromethane	7.11	83	24261	4.672	ug/L #	98
39) cis-1,3-Dichloropropene	7.61	75	22471	4.376	ug/L	96
40) 4-Methyl-2-pentanone	7.80	43	85373	37.488	ug/L	96
42) Toluene	7.98	91	65461	4.795	ug/L	99
44) trans-1,3-Dichloropropene	8.22	75	23478	4.578	ug/L	100
45) 1,1,2-Trichloroethane	8.41	97	12300	4.487	ug/L	96
47) Tetrachloroethene	8.56	164	15136	5.235	ug/L	96
48) 2-Hexanone	8.69	43	64325	35.151	ug/L #	94
49) Dibromochloromethane	8.81	129	18269	4.892	ug/L	92
50) 1,2-Dibromoethane	8.93	107	12538	4.534	ug/L #	96
51) Chlorobenzene	9.45	112	43881	4.823	ug/L	99
52) Ethylbenzene	9.57	91	73590	4.704	ug/L	99
53) m,p-Xylene	9.69	106	27554	4.852	ug/L	96
54) o-Xylene	10.10	106	26284	4.774	ug/L	98
55) Styrene	10.11	104	46857	5.012	ug/L	98
56) Isopropylbenzene	10.48	105	76139	4.899	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.78	83	14188	4.214	ug/L	98
59) 1,2,3-Trichloropropane	10.82	75	11677	4.234	ug/L	100
61) Bromoform	10.29	173	12407	5.069	ug/L	99
62) 1,3-Dichlorobenzene	11.74	146	40289	4.908	ug/L	97
63) 1,4-Dichlorobenzene	11.83	146	41193	4.895	ug/L	96
65) 1,2-Dichlorobenzene	12.21	146	38256	4.707	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.99	75	3482	4.374	ug/L	92
67) 1,3,5-Trichlorobenzene	13.21	180	31302	4.772	ug/L	99
68) 1,2,4-trichlorobenzene	13.83	180	24340	4.636	ug/L	100
69) Naphthalene	14.08	128	33869	4.105	ug/L	100
70) 1,2,3-Trichlorobenzene	14.32	180	22396	4.820	ug/L	96

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

