

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092620\
 Data File : VU040303.D
 Acq On : 25 Sep 2020 16:24
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00520

Quant Time: Sep 26 04:52:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Sep 26 04:43:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	121670	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	119418	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	63411	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	36708	5.53	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	110.60%
7) Chloroethane-d5	1.92	69	33127	5.99	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	119.80%
11) 1,1-Dichloroethene-d2	2.58	63	90162	5.29	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	105.80%
20) 2-Butanone-d5	4.66	46	176339	66.37	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	132.74%#
24) Chloroform-d	5.08	84	82663	5.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.60%
26) 1,2-Dichloroethane-d4	5.72	65	50483	5.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.40%
32) Benzene-d6	5.74	84	150318	5.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.80%
36) 1,2-Dichloropropane-d6	6.70	67	50511	5.49	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.80%
41) Toluene-d8	7.91	98	135602	5.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.60%
43) trans-1,3-Dichloropropene-	8.19	79	21190	5.02	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.40%
46) 2-Hexanone-d5	8.64	63	127366	63.69	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	127.38%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	47997	6.04	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	120.80%#
64) 1,2-Dichlorobenzene-d4	12.19	152	53785	5.24	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.80%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.39	85	53804	4.456	ug/L	99
3) Chloromethane	1.53	50	59552	5.151	ug/L	99
5) Vinyl chloride	1.61	62	58636	5.003	ug/L	98
6) Bromomethane	1.87	94	31966	5.336	ug/L	95
8) Chloroethane	1.94	64	37451	5.317	ug/L	98
9) Trichlorofluoromethane	2.15	101	84729	5.047	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	55511	5.101	ug/L	96
12) 1,1-Dichloroethene	2.59	96	50071	5.318	ug/L	89
13) Acetone	2.67	43	142219	57.819	ug/L	96
14) Carbon disulfide	2.81	76	135589	4.491	ug/L	97
15) Methyl Acetate	2.97	43	32736	5.303	ug/L	99
16) Methylene chloride	3.06	84	59775	4.848	ug/L	94
17) Methyl tert-butyl Ether	3.38	73	145604	5.131	ug/L	98
18) trans-1,2-Dichloroethene	3.37	96	51428	5.077	ug/L	98
19) 1,1-Dichloroethane	3.89	63	112079	5.376	ug/L	99
21) 2-Butanone	4.74	43	240029	59.772	ug/L	99
22) cis-1,2-Dichloroethene	4.69	96	58812	5.400	ug/L	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.00	128	27077	5.674	ug/L	93
25) Chloroform	5.11	83	113874	5.333	ug/L	98
27) 1,2-Dichloroethane	5.81	62	78757	5.035	ug/L	96
29) 1,1,1-Trichloroethane	5.33	97	93224	4.972	ug/L	98
30) Cyclohexane	5.40	56	88242	4.853	ug/L	98
31) Carbon tetrachloride	5.54	117	80554	5.020	ug/L	98
33) Benzene	5.79	78	228586	5.351	ug/L	100
34) Trichloroethene	6.56	95	57918	5.054	ug/L	93
35) Methylcyclohexane	6.77	83	81500	4.645	ug/L	97
37) 1,2-Dichloropropane	6.80	63	65816	5.690	ug/L	99
38) Bromodichloromethane	7.11	83	81825	5.182	ug/L	99
39) cis-1,3-Dichloropropene	7.62	75	87988	5.158	ug/L	100
40) 4-Methyl-2-pentanone	7.80	43	556985	58.684	ug/L	99
42) Toluene	7.98	91	236635	5.379	ug/L	99
44) trans-1,3-Dichloropropene	8.22	75	80716	5.106	ug/L	99
45) 1,1,2-Trichloroethane	8.40	97	47671	5.657	ug/L	99
47) Tetrachloroethene	8.56	164	40801	5.420	ug/L	96
48) 2-Hexanone	8.69	43	408567	59.014	ug/L	98
49) Dibromochloromethane	8.81	129	54876	5.425	ug/L	99
50) 1,2-Dibromoethane	8.93	107	42618	5.245	ug/L #	89
51) Chlorobenzene	9.45	112	153932	5.635	ug/L	97
52) Ethylbenzene	9.57	91	260344	5.208	ug/L	100
53) m,p-Xylene	9.69	106	98435	5.531	ug/L	97
54) o-Xylene	10.10	106	94083	5.547	ug/L	95
55) Styrene	10.11	104	167192	5.669	ug/L	96
56) Isopropylbenzene	10.48	105	251246	5.432	ug/L	98
58) 1,1,1,2,2-Tetrachloroethane	10.78	83	62759	5.808	ug/L	96
59) 1,2,3-Trichloropropane	10.82	75	47375	5.528	ug/L	100
61) Bromoform	10.29	173	30058	5.168	ug/L	98
62) 1,3-Dichlorobenzene	11.74	146	124939	5.391	ug/L	97
63) 1,4-Dichlorobenzene	11.83	146	126028	5.374	ug/L	96
65) 1,2-Dichlorobenzene	12.20	146	120200	5.360	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.99	75	10462	4.362	ug/L	93
67) 1,3,5-Trichlorobenzene	13.21	180	85868	5.269	ug/L	97
68) 1,2,4-trichlorobenzene	13.83	180	70526	5.024	ug/L	97
69) Naphthalene	14.08	128	121563	4.155	ug/L	100
70) 1,2,3-Trichlorobenzene	14.32	180	65784	5.102	ug/L	98

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

