

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090820\
 Data File : VU040047.D
 Acq On : 08 Sep 2020 10:43
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00524

Quant Time: Sep 09 01:34:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Sep 07 02:10:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	121154	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	118427	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	61413	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	27322	4.13	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.60%
7) Chloroethane-d5	1.92	69	23293	4.23	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.60%
11) 1,1-Dichloroethene-d2	2.58	63	74844	4.41	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.20%
20) 2-Butanone-d5	4.65	46	138811	52.46	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.92%
24) Chloroform-d	5.08	84	72479	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.80%
26) 1,2-Dichloroethane-d4	5.72	65	42312	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.80%
32) Benzene-d6	5.74	84	127901	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.60%
36) 1,2-Dichloropropane-d6	6.70	67	42573	4.67	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.40%
41) Toluene-d8	7.90	98	116342	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.20%
43) trans-1,3-Dichloropropene-	8.19	79	18945	4.52	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.40%
46) 2-Hexanone-d5	8.64	63	104081	52.48	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.96%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	40775	5.17	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	45979	4.63	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.60%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.39	85	57549	4.786	ug/L	98
3) Chloromethane	1.53	50	57042	4.955	ug/L	99
5) Vinyl chloride	1.61	62	54854	4.700	ug/L	96
6) Bromomethane	1.87	94	30140	5.053	ug/L	98
8) Chloroethane	1.94	64	32368	4.615	ug/L	98
9) Trichlorofluoromethane	2.15	101	83009	4.965	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	53283	4.917	ug/L	96
12) 1,1-Dichloroethene	2.59	96	45255	4.827	ug/L	96
13) Acetone	2.65	43	124592	50.869	ug/L	98
14) Carbon disulfide	2.81	76	136503	4.540	ug/L	99
15) Methyl Acetate	2.96	43	28682	4.666	ug/L	98
16) Methylene chloride	3.06	84	60190	4.902	ug/L	94
17) Methyl tert-butyl Ether	3.38	73	134690	4.766	ug/L	99
18) trans-1,2-Dichloroethene	3.37	96	47876	4.747	ug/L	98
19) 1,1-Dichloroethane	3.89	63	97427	4.693	ug/L	99
21) 2-Butanone	4.72	43	200975	50.260	ug/L	98
22) cis-1,2-Dichloroethene	4.68	96	54225	5.000	ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.99	128	24426	5.140	ug/L	95
25) Chloroform	5.11	83	103162	4.852	ug/L	98
27) 1,2-Dichloroethane	5.81	62	73661	4.729	ug/L	98
29) 1,1,1-Trichloroethane	5.33	97	89271	4.801	ug/L	99
30) Cyclohexane	5.40	56	84352	4.678	ug/L	99
31) Carbon tetrachloride	5.54	117	75546	4.747	ug/L	99
33) Benzene	5.79	78	201310	4.752	ug/L	100
34) Trichloroethene	6.55	95	55518	4.885	ug/L	96
35) Methylcyclohexane	6.77	83	81691	4.694	ug/L	96
37) 1,2-Dichloropropane	6.80	63	55680	4.854	ug/L	100
38) Bromodichloromethane	7.11	83	75534	4.823	ug/L	97
39) cis-1,3-Dichloropropene	7.61	75	84264	4.981	ug/L	98
40) 4-Methyl-2-pentanone	7.80	43	469717	49.904	ug/L	99
42) Toluene	7.97	91	216948	4.972	ug/L	99
44) trans-1,3-Dichloropropene	8.21	75	76339	4.870	ug/L	99
45) 1,1,2-Trichloroethane	8.40	97	42114	5.039	ug/L	99
47) Tetrachloroethene	8.56	164	37041	4.962	ug/L	98
48) 2-Hexanone	8.69	43	350419	51.038	ug/L	99
49) Dibromochloromethane	8.81	129	49996	4.984	ug/L	97
50) 1,2-Dibromoethane	8.93	107	41031	5.092	ug/L	95
51) Chlorobenzene	9.45	112	141091	5.209	ug/L	97
52) Ethylbenzene	9.57	91	246519	4.973	ug/L	100
53) m,p-Xylene	9.69	106	91059	5.159	ug/L	95
54) o-Xylene	10.10	106	87475	5.201	ug/L	100
55) Styrene	10.11	104	156269	5.343	ug/L	99
56) Isopropylbenzene	10.48	105	242556	5.288	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.78	83	54486	5.085	ug/L	99
59) 1,2,3-Trichloropropane	10.82	75	43727	5.145	ug/L	100
61) Bromoform	10.29	173	25719	4.566	ug/L	97
62) 1,3-Dichlorobenzene	11.74	146	114021	5.080	ug/L	98
63) 1,4-Dichlorobenzene	11.83	146	114213	5.028	ug/L	95
65) 1,2-Dichlorobenzene	12.20	146	108228	4.983	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.99	75	10499	4.520	ug/L	92
67) 1,3,5-Trichlorobenzene	13.21	180	75880	4.808	ug/L	98
68) 1,2,4-trichlorobenzene	13.83	180	63822	4.695	ug/L	99
69) Naphthalene	14.08	128	123191	4.347	ug/L	100
70) 1,2,3-Trichlorobenzene	14.32	180	59244	4.744	ug/L	96

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

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