

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV013020\
 Data File : VV014431.D
 Acq On : 30 Jan 2020 09:40
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00552

Quant Time: Jan 31 07:42:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR012920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jan 30 01:45:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	246751	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	222479	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	106814	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	61389	4.30	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.00%
7) Chloroethane-d5	1.58	69	43507	4.37	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.40%
11) 1,1-Dichloroethene-d2	2.13	63	90573	4.36	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.20%
20) 2-Butanone-d5	3.95	46	99922	34.73	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	69.46%
24) Chloroform-d	4.40	84	127596	4.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.80%
26) 1,2-Dichloroethane-d4	5.08	65	56960	4.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.00%
32) Benzene-d6	5.09	84	275340	4.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.80%
36) 1,2-Dichloropropane-d6	6.11	67	81414	4.25	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.00%
41) Toluene-d8	7.35	98	257064	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.60%
43) trans-1,3-Dichloropropene-	7.66	79	33445	4.24	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.80%
46) 2-Hexanone-d5	8.13	63	122094	42.50	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.00%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	55573	4.25	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	83183	4.34	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.80%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	90384	4.536	ug/L 99
3) Chloromethane	1.25	50	70878	4.624	ug/L 100
5) Vinyl chloride	1.32	62	71112	4.625	ug/L 98
6) Bromomethane	1.54	94	28354	5.521	ug/L 98
8) Chloroethane	1.60	64	37800	4.926	ug/L 99
9) Trichlorofluoromethane	1.77	101	95751	4.772	ug/L 97
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	49622	4.576	ug/L 99
12) 1,1-Dichloroethene	2.14	96	44841	4.523	ug/L 97
13) Acetone	2.21	43	58550	33.300	ug/L 81
14) Carbon disulfide	2.32	76	223862	4.421	ug/L 99
15) Methyl Acetate	2.47	43	22731	5.032	ug/L 94
16) Methylene chloride	2.53	84	77192	4.001	ug/L 96
17) Methyl tert-butyl Ether	2.80	73	156103	4.332	ug/L 99
18) trans-1,2-Dichloroethene	2.79	96	78026	4.524	ug/L 96
19) 1,1-Dichloroethane	3.23	63	140718	4.486	ug/L 97
21) 2-Butanone	4.03	43	116313	36.168	ug/L 89
22) cis-1,2-Dichloroethene	3.96	96	83920	4.501	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.29	128	31486	4.539	ug/L	99
25) Chloroform	4.42	83	140627	4.463	ug/L	97
27) 1,2-Dichloroethane	5.17	62	73254	4.324	ug/L	100
29) 1,1,1-Trichloroethane	4.65	97	120128	4.556	ug/L	100
30) Cyclohexane	4.72	56	141109	4.639	ug/L	99
31) Carbon tetrachloride	4.87	117	104059	4.641	ug/L	98
33) Benzene	5.14	78	317389	4.558	ug/L	100
34) Trichloroethene	5.95	95	83960	4.591	ug/L	98
35) Methylcyclohexane	6.17	83	143701	4.568	ug/L	99
37) 1,2-Dichloropropane	6.21	63	75983	4.426	ug/L	100
38) Bromodichloromethane	6.55	83	97586	4.641	ug/L	99
39) cis-1,3-Dichloropropene	7.06	75	117698	4.526	ug/L	99
40) 4-Methyl-2-pentanone	7.27	43	422076	44.834	ug/L	99
42) Toluene	7.42	91	339833	4.590	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	88809	4.532	ug/L	99
45) 1,1,2-Trichloroethane	7.88	97	50338	4.498	ug/L	99
47) Tetrachloroethene	8.01	164	59163	4.502	ug/L	98
48) 2-Hexanone	8.18	43	295933	45.122	ug/L	98
49) Dibromochloromethane	8.28	129	61177	4.596	ug/L	99
50) 1,2-Dibromoethane	8.39	107	47486	4.593	ug/L	100
51) Chlorobenzene	8.92	112	209145	4.552	ug/L	98
52) Ethylbenzene	9.05	91	381656	4.590	ug/L	99
53) m,p-xylene	9.18	106	142308	4.594	ug/L	92
54) o-xylene	9.58	106	140116	4.633	ug/L	100
55) Styrene	9.60	104	228702	4.605	ug/L	99
56) Isopropylbenzene	9.97	105	369834	4.664	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.28	83	60163	4.626	ug/L	96
59) 1,2,3-Trichloropropane	10.31	75	43468	4.553	ug/L	100
61) Bromoform	9.77	173	30131	4.647	ug/L	98
62) 1,3-Dichlorobenzene	11.22	146	158774	4.574	ug/L	99
63) 1,4-Dichlorobenzene	11.31	146	160711	4.643	ug/L	99
65) 1,2-Dichlorobenzene	11.68	146	143482	4.580	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.47	75	9834	3.976	ug/L	87
67) 1,3,5-Trichlorobenzene	12.68	180	118697	4.633	ug/L	100
68) 1,2,4-trichlorobenzene	13.30	180	100420	4.662	ug/L	100
69) Naphthalene	13.54	128	173098	4.565	ug/L	98
70) 1,2,3-Trichlorobenzene	13.78	180	86331	4.635	ug/L	99

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

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