

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV030420\
 Data File : VV014748.D
 Acq On : 04 Mar 2020 20:57
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00560

Quant Time: Mar 05 06:32:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR022820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Mar 05 06:28:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	252883	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	242070	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	127103	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	72808	3.68	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.60%
7) Chloroethane-d5	1.58	69	62768	4.05	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.00%
11) 1,1-Dichloroethene-d2	2.13	63	136361	4.05	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.00%
20) 2-Butanone-d5	3.97	46	206225	50.39	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.78%
24) Chloroform-d	4.40	84	154766	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.20%
26) 1,2-Dichloroethane-d4	5.08	65	82310	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.40%
32) Benzene-d6	5.10	84	316422	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.20%
36) 1,2-Dichloropropane-d6	6.11	67	100933	4.59	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.80%
41) Toluene-d8	7.36	98	290015	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.40%
43) trans-1,3-Dichloropropene-	7.66	79	37475	4.41	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.20%
46) 2-Hexanone-d5	8.13	63	148158	43.12	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.24%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	73301	4.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	110547	4.68	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.60%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	127073	4.575 ug/L	99
3) Chloromethane	1.25	50	110157	4.307 ug/L	100
5) Vinyl chloride	1.32	62	104576	4.448 ug/L	99
6) Bromomethane	1.54	94	62205	4.695 ug/L	98
8) Chloroethane	1.60	64	59748	4.536 ug/L	98
9) Trichlorofluoromethane	1.77	101	151193	4.721 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	79143	4.722 ug/L	98
12) 1,1-Dichloroethene	2.14	96	75695	4.750 ug/L	93
13) Acetone	2.23	43	125762	45.666 ug/L #	44
14) Carbon disulfide	2.32	76	245171	4.512 ug/L	99
15) Methyl Acetate	2.48	43	32039	4.584 ug/L	98
16) Methylene chloride	2.53	84	94246	4.728 ug/L	98
17) Methyl tert-butyl Ether	2.81	73	209885	4.841 ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	91278	4.738 ug/L	93
19) 1,1-Dichloroethane	3.23	63	177678	4.715 ug/L	99
21) 2-Butanone	4.05	43	231397	49.370 ug/L	98
22) cis-1,2-Dichloroethene	3.96	96	98084	4.763 ug/L	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	40026	4.843	ug/L	93
25) Chloroform	4.42	83	190446	5.149	ug/L	98
27) 1,2-Dichloroethane	5.18	62	105647	4.664	ug/L	99
29) 1,1,1-Trichloroethane	4.65	97	153549	4.811	ug/L	99
30) Cyclohexane	4.72	56	164558	4.581	ug/L	99
31) Carbon tetrachloride	4.87	117	133073	4.841	ug/L	98
33) Benzene	5.14	78	387618	4.877	ug/L	100
34) Trichloroethene	5.95	95	100895	4.846	ug/L	96
35) Methylcyclohexane	6.17	83	168208	4.750	ug/L	98
37) 1,2-Dichloropropane	6.22	63	97308	4.793	ug/L	99
38) Bromodichloromethane	6.55	83	121341	4.899	ug/L	99
39) cis-1,3-Dichloropropene	7.07	75	140605	4.780	ug/L	99
40) 4-Methyl-2-pentanone	7.27	43	574411	47.245	ug/L	98
42) Toluene	7.43	91	414188	4.921	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	106756	4.678	ug/L	100
45) 1,1,2-Trichloroethane	7.88	97	61824	4.769	ug/L	97
47) Tetrachloroethene	8.01	164	82936	4.982	ug/L	96
48) 2-Hexanone	8.18	43	409273	47.245	ug/L	97
49) Dibromochloromethane	8.29	129	76485	5.219	ug/L	99
50) 1,2-Dibromoethane	8.39	107	60015	4.850	ug/L	98
51) Chlorobenzene	8.92	112	261254	4.902	ug/L	98
52) Ethylbenzene	9.05	91	467280	4.896	ug/L	99
53) m,p-xylene	9.18	106	170739	4.886	ug/L	99
54) o-xylene	9.58	106	168380	4.950	ug/L	95
55) Styrene	9.60	104	283321	4.958	ug/L	97
56) Isopropylbenzene	9.97	105	453869	4.939	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.28	83	80551	4.969	ug/L	93
59) 1,2,3-Trichloropropane	10.31	75	57442	4.843	ug/L	100
61) Bromoform	9.77	173	40964	5.477	ug/L	99
62) 1,3-Dichlorobenzene	11.22	146	214971	4.947	ug/L	98
63) 1,4-Dichlorobenzene	11.31	146	210105	4.733	ug/L	98
65) 1,2-Dichlorobenzene	11.68	146	191662	4.774	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.47	75	12234	4.605	ug/L	94
67) 1,3,5-Trichlorobenzene	12.68	180	172382	4.889	ug/L	99
68) 1,2,4-trichlorobenzene	13.30	180	145578	4.808	ug/L	99
69) Naphthalene	13.54	128	231018	4.686	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	132646	4.908	ug/L	99

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

