

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV122319\
 Data File : VV014159.D
 Acq On : 23 Dec 2019 13:53
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV32

Quant Time: Dec 24 01:30:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR122319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Dec 24 01:28:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	392430	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	357473	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	194835	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	141272	5.02	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.40%
7) Chloroethane-d5	1.58	69	118008	5.01	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.20%
11) 1,1-Dichloroethene-d2	2.13	63	247042	5.18	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	103.60%
20) 2-Butanone-d5	3.95	46	279121	52.55	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.10%
24) Chloroform-d	4.40	84	271646	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.40%
26) 1,2-Dichloroethane-d4	5.08	65	130192	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.60%
32) Benzene-d6	5.09	84	541519	5.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.40%
36) 1,2-Dichloropropane-d6	6.11	67	162142	5.51	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	110.20%
41) Toluene-d8	7.35	98	494186	5.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.80%
43) trans-1,3-Dichloropropene-	7.66	79	59555	5.23	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	104.60%
46) 2-Hexanone-d5	8.13	63	225351	56.01	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.02%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	107881	5.03	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	182437	5.23	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.60%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.14	85	167543	5.288	ug/L	99
3) Chloromethane	1.25	50	169433	5.191	ug/L	99
5) Vinyl chloride	1.32	62	159544	5.229	ug/L	98
6) Bromomethane	1.53	94	90776	5.397	ug/L	98
8) Chloroethane	1.60	64	93815	5.174	ug/L	99
9) Trichlorofluoromethane	1.77	101	218156	5.304	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	123515	5.328	ug/L	98
12) 1,1-Dichloroethene	2.14	96	118983	5.258	ug/L	96
13) Acetone	2.21	43	180663	41.755	ug/L	98
14) Carbon disulfide	2.32	76	407149	5.415	ug/L	100
15) Methyl Acetate	2.47	43	51035	4.996	ug/L #	91
16) Methylene chloride	2.53	84	146266	4.808	ug/L	95
17) Methyl tert-butyl Ether	2.80	73	296123	5.319	ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	143527	5.363	ug/L	98
19) 1,1-Dichloroethane	3.23	63	263775	5.311	ug/L	98
21) 2-Butanone	4.03	43	319616	53.928	ug/L	95
22) cis-1,2-Dichloroethene	3.96	96	147892	5.367	ug/L #	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	64461	5.062	ug/L	92
25) Chloroform	4.42	83	269726	5.298	ug/L	99
27) 1,2-Dichloroethane	5.18	62	156067	5.386	ug/L	95
29) 1,1,1-Trichloroethane	4.65	97	230436	5.542	ug/L	99
30) Cyclohexane	4.72	56	238044	5.984	ug/L	98
31) Carbon tetrachloride	4.87	117	207231	5.600	ug/L	100
33) Benzene	5.14	78	578842	5.740	ug/L	100
34) Trichloroethene	5.96	95	152013	5.722	ug/L	93
35) Methylcyclohexane	6.17	83	235866	5.982	ug/L	100
37) 1,2-Dichloropropane	6.22	63	140941	5.663	ug/L	100
38) Bromodichloromethane	6.55	83	177342	5.478	ug/L	98
39) cis-1,3-Dichloropropene	7.07	75	198600	5.665	ug/L	99
40) 4-Methyl-2-pentanone	7.27	43	797011	58.782	ug/L	99
42) Toluene	7.43	91	607396	5.758	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	153441	5.567	ug/L	99
45) 1,1,2-Trichloroethane	7.88	97	93853	5.429	ug/L	97
47) Tetrachloroethene	8.01	164	131995	5.512	ug/L	97
48) 2-Hexanone	8.18	43	573040	57.851	ug/L	99
49) Dibromochloromethane	8.29	129	118843	5.427	ug/L	99
50) 1,2-Dibromoethane	8.39	107	87224	5.489	ug/L #	94
51) Chlorobenzene	8.92	112	372809	5.408	ug/L	98
52) Ethylbenzene	9.05	91	614095	5.588	ug/L	100
53) m,p-xylene	9.18	106	239142	5.631	ug/L	98
54) o-xylene	9.58	106	228359	5.718	ug/L	99
55) Styrene	9.60	104	402094	5.832	ug/L	99
56) Isopropylbenzene	9.97	105	614543	5.822	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.28	83	106061	5.237	ug/L	98
59) 1,2,3-Trichloropropane	10.31	75	80813	5.381	ug/L	98
61) Bromoform	9.77	173	68044	5.066	ug/L	100
62) 1,3-Dichlorobenzene	11.22	146	329082	5.787	ug/L	98
63) 1,4-Dichlorobenzene	11.31	146	327456	5.686	ug/L	98
65) 1,2-Dichlorobenzene	11.68	146	289498	5.468	ug/L	96
66) 1,2-Dibromo-3-chloropropan	12.47	75	16632	5.123	ug/L	94
67) 1,3,5-Trichlorobenzene	12.69	180	263775	5.641	ug/L	99
68) 1,2,4-trichlorobenzene	13.30	180	211429	5.543	ug/L	99
69) Naphthalene	13.55	128	291207	5.817	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	198001	5.627	ug/L	97

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

