

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV122719\
 Data File : VV014190.D
 Acq On : 27 Dec 2019 14:18
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV33

Quant Time: Dec 28 00:55:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR122719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Dec 28 00:45:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	794448	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	726959	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	336008	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	163045	4.38	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.60%
7) Chloroethane-d5	1.58	69	136635	4.41	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.20%
11) 1,1-Dichloroethene-d2	2.13	63	305342	4.57	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.40%
20) 2-Butanone-d5	3.94	46	436495	47.23	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.46%
24) Chloroform-d	4.39	84	430823	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.40%
26) 1,2-Dichloroethane-d4	5.08	65	210136	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.40%
32) Benzene-d6	5.09	84	921679	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.80%
36) 1,2-Dichloropropane-d6	6.11	67	277959	4.63	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.60%
41) Toluene-d8	7.35	98	856868	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.40%
43) trans-1,3-Dichloropropene-	7.66	79	118377	4.40	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.00%
46) 2-Hexanone-d5	8.13	63	474163	46.48	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.96%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	194032	4.52	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	284458	4.72	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.40%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	269328	4.471 ug/L	99
3) Chloromethane	1.25	50	225095	4.123 ug/L	98
5) Vinyl chloride	1.32	62	217515	4.196 ug/L	99
6) Bromomethane	1.53	94	110127	4.587 ug/L	99
8) Chloroethane	1.60	64	117569	4.256 ug/L	98
9) Trichlorofluoromethane	1.77	101	294271	4.419 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	159140	4.428 ug/L	100
12) 1,1-Dichloroethene	2.14	96	156491	4.459 ug/L	92
13) Acetone	2.21	43	244379	42.868 ug/L	97
14) Carbon disulfide	2.31	76	707548	4.607 ug/L	99
15) Methyl Acetate	2.47	43	76762	4.066 ug/L	95
16) Methylene chloride	2.53	84	245999	4.158 ug/L	98
17) Methyl tert-butyl Ether	2.80	73	564630	4.344 ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	247579	4.516 ug/L	97
19) 1,1-Dichloroethane	3.23	63	458143	4.507 ug/L	98
21) 2-Butanone	4.03	43	498898	47.124 ug/L	99
22) cis-1,2-Dichloroethene	3.96	96	270289	4.525 ug/L #	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.29	128	102745	4.425	ug/L	97
25) Chloroform	4.42	83	461136	4.474	ug/L	98
27) 1,2-Dichloroethane	5.17	62	254856	4.416	ug/L	96
29) 1,1,1-Trichloroethane	4.65	97	396750	4.497	ug/L	98
30) Cyclohexane	4.72	56	437300	4.532	ug/L	99
31) Carbon tetrachloride	4.87	117	343185	4.556	ug/L	99
33) Benzene	5.14	78	1010036	4.492	ug/L	100
34) Trichloroethene	5.95	95	275320	4.571	ug/L	98
35) Methylcyclohexane	6.17	83	452461	4.508	ug/L	98
37) 1,2-Dichloropropane	6.22	63	244659	4.479	ug/L	99
38) Bromodichloromethane	6.55	83	321287	4.408	ug/L	100
39) cis-1,3-Dichloropropene	7.06	75	404705	4.528	ug/L	100
40) 4-Methyl-2-pentanone	7.27	43	1493852	43.969	ug/L	99
42) Toluene	7.42	91	1087349	4.403	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	309414	4.426	ug/L	98
45) 1,1,2-Trichloroethane	7.88	97	165447	4.441	ug/L	98
47) Tetrachloroethene	8.01	164	190793	4.531	ug/L	97
48) 2-Hexanone	8.18	43	1068150	45.461	ug/L	99
49) Dibromochloromethane	8.28	129	208543	4.389	ug/L	98
50) 1,2-Dibromoethane	8.39	107	155128	4.333	ug/L	97
51) Chlorobenzene	8.92	112	684383	4.480	ug/L	99
52) Ethylbenzene	9.05	91	1237012	4.511	ug/L	100
53) m,p-xylene	9.18	106	467271	4.534	ug/L	95
54) o-xylene	9.58	106	448251	4.454	ug/L	97
55) Styrene	9.60	104	758766	4.492	ug/L	100
56) Isopropylbenzene	9.97	105	1194739	4.527	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.28	83	194630	4.333	ug/L	99
59) 1,2,3-Trichloropropane	10.31	75	145964	4.372	ug/L	99
61) Bromoform	9.77	173	106950	4.361	ug/L	98
62) 1,3-Dichlorobenzene	11.22	146	521397	4.688	ug/L	99
63) 1,4-Dichlorobenzene	11.31	146	515983	4.641	ug/L	99
65) 1,2-Dichlorobenzene	11.68	146	469579	4.606	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.47	75	34756	4.139	ug/L	93
67) 1,3,5-Trichlorobenzene	12.69	180	385888	4.765	ug/L	97
68) 1,2,4-trichlorobenzene	13.31	180	339607	4.781	ug/L	99
69) Naphthalene	13.55	128	641961	4.962	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	298375	4.812	ug/L	99

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

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