

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061419\
 Data File : VV011503.D
 Acq On : 14 Jun 2019 19:13
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV36

Quant Time: Jun 15 01:22:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061419WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jun 14 18:58:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	187481	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	174025	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	77385	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	68599	4.85	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.00%
7) Chloroethane-d5	1.58	69	43942	4.90	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.00%
11) 1,1-Dichloroethene-d2	2.12	63	129314	4.80	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.00%
20) 2-Butanone-d5	3.96	46	201911	50.69	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.38%
24) Chloroform-d	4.39	84	133627	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.20%
26) 1,2-Dichloroethane-d4	5.08	65	75860	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.80%
32) Benzene-d6	5.09	84	252492	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.20%
36) 1,2-Dichloropropane-d6	6.11	67	79806	4.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.80%
41) Toluene-d8	7.35	98	233893	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.00%
43) trans-1,3-Dichloropropene-	7.66	79	27906	5.09	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.80%
46) 2-Hexanone-d5	8.14	63	160432	50.69	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.38%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	60069	4.86	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	77812	5.04	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.80%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	81827	4.892	ug/L 100
3) Chloromethane	1.25	50	90049	4.971	ug/L 99
5) Vinyl chloride	1.32	62	84042	4.697	ug/L 97
6) Bromomethane	1.53	94	38616	5.162	ug/L 99
8) Chloroethane	1.60	64	41181	4.753	ug/L 95
9) Trichlorofluoromethane	1.76	101	99043	5.026	ug/L 98
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	55301	4.913	ug/L 96
12) 1,1-Dichloroethene	2.13	96	54320	4.659	ug/L 93
13) Acetone	2.22	43	120622	44.938	ug/L 99
14) Carbon disulfide	2.31	76	149377	4.739	ug/L 99
15) Methyl Acetate	2.47	43	31416	4.415	ug/L 97
16) Methylene chloride	2.53	84	62310	4.702	ug/L 98
17) Methyl tert-butyl Ether	2.81	73	166956	4.775	ug/L 98
18) trans-1,2-Dichloroethene	2.78	96	64284	4.876	ug/L 93
19) 1,1-Dichloroethane	3.22	63	131264	4.813	ug/L 96
21) 2-Butanone	4.04	43	206841	48.706	ug/L 97
22) cis-1,2-Dichloroethene	3.95	96	71915	4.815	ug/L 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.29	128	28251	4.812	ug/L	96
25) Chloroform	4.42	83	130863	4.781	ug/L	99
27) 1,2-Dichloroethane	5.18	62	91235	4.730	ug/L	99
29) 1,1,1-Trichloroethane	4.65	97	104052	4.806	ug/L	99
30) Cyclohexane	4.71	56	106169	4.746	ug/L	98
31) Carbon tetrachloride	4.87	117	84689	4.833	ug/L	99
33) Benzene	5.14	78	276591	4.866	ug/L	100
34) Trichloroethene	5.96	95	68997	4.760	ug/L	99
35) Methylcyclohexane	6.17	83	103125	4.990	ug/L	99
37) 1,2-Dichloropropane	6.22	63	68729	4.543	ug/L	99
38) Bromodichloromethane	6.55	83	82009	4.771	ug/L	97
39) cis-1,3-Dichloropropene	7.07	75	90232	4.738	ug/L	96
40) 4-Methyl-2-pentanone	7.28	43	518906	48.110	ug/L	99
42) Toluene	7.43	91	290774	4.937	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	73488	5.044	ug/L	97
45) 1,1,2-Trichloroethane	7.88	97	47743	4.727	ug/L	98
47) Tetrachloroethene	8.01	164	49658	4.804	ug/L	99
48) 2-Hexanone	8.19	43	373557	49.268	ug/L	99
49) Dibromochloromethane	8.29	129	48676	4.797	ug/L	95
50) 1,2-Dibromoethane	8.39	107	45387	4.969	ug/L	100
51) Chlorobenzene	8.92	112	174722	4.830	ug/L	99
52) Ethylbenzene	9.05	91	305193	4.933	ug/L	100
53) m,p-xylene	9.18	106	113438	5.010	ug/L	99
54) o-xylene	9.59	106	114613	5.040	ug/L	96
55) Styrene	9.60	104	189297	5.019	ug/L	98
56) Isopropylbenzene	9.97	105	289591	5.004	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	58849	4.765	ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	44884	4.751	ug/L	99
61) Bromoform	9.77	173	23289	4.720	ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	122225	4.871	ug/L	100
63) 1,4-Dichlorobenzene	11.32	146	123028	4.813	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	122424	4.847	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	8639	4.710	ug/L	90
67) 1,3,5-Trichlorobenzene	12.69	180	87124	4.754	ug/L	97
68) 1,2,4-trichlorobenzene	13.31	180	73332	4.983	ug/L	100
69) Naphthalene	13.55	128	140885	4.868	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	70488	4.939	ug/L	99

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

