

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV072919\
 Data File : VV012061.D
 Acq On : 29 Jul 2019 13:58
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV005

Quant Time: Jul 30 08:49:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVTR072919WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jul 30 08:46:06 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	160657	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	150650	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.29	152	84326	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	41493	4.56	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.20%
7) Chloroethane-d5	1.59	69	30715	4.82	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.40%
11) 1,1-Dichloroethene-d2	2.13	63	78284	4.75	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.00%
20) 2-Butanone-d5	3.97	46	107413	52.02	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.04%
24) Chloroform-d	4.40	84	92879	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.60%
26) 1,2-Dichloroethane-d4	5.08	65	51746	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.40%
32) Benzene-d6	5.10	84	197121	5.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.00%
36) 1,2-Dichloropropane-d6	6.12	67	54926	5.18	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.60%
41) Toluene-d8	7.36	98	190386	5.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.40%
43) trans-1,3-Dichloropropene-	7.66	79	23954	5.16	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.20%
46) 2-Hexanone-d5	8.13	63	85270	51.96	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.92%
56) 1,1,2,2-Tetrachloroethane-	10.26	84	39320	4.94	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.80%
66) 1,2-Dichlorobenzene-d4	11.67	152	73438	4.89	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.80%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	80147	4.377 ug/L	99
3) Chloromethane	1.25	50	48996	4.674 ug/L	99
5) Vinyl chloride	1.32	62	49875	4.651 ug/L	96
6) Bromomethane	1.54	94	30213	4.714 ug/L	99
8) Chloroethane	1.60	64	26869	4.611 ug/L	97
9) Trichlorofluoromethane	1.77	101	86644	4.724 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	37984	4.767 ug/L	99
12) 1,1-Dichloroethene	2.14	96	36522	4.948 ug/L	98
13) Acetone	2.23	43	65124	57.305 ug/L	99
14) Carbon disulfide	2.32	76	104760	5.083 ug/L	99
15) Methyl Acetate	2.47	43	11209	4.799 ug/L	94
16) Methylene chloride	2.53	84	35146	4.643 ug/L	98
17) Methyl tert-butyl Ether	2.81	73	117464	5.062 ug/L	98
18) trans-1,2-Dichloroethene	2.79	96	54899	5.162 ug/L	95
19) 1,1-Dichloroethane	3.23	63	97094	5.105 ug/L	97
21) 2-Butanone	4.05	43	128723	57.406 ug/L	99
22) cis-1,2-Dichloroethene	3.96	96	60579	5.350 ug/L	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	26946	5.425	ug/L	89
25) Chloroform	4.43	83	118301	4.961	ug/L	97
27) 1,2-Dichloroethane	5.18	62	67329	5.116	ug/L	98
29) 1,1,1-Trichloroethane	4.66	97	102244	5.490	ug/L	99
30) Cyclohexane	4.72	56	91423	5.739	ug/L	98
31) Carbon tetrachloride	4.87	117	91082	5.436	ug/L	100
33) Benzene	5.14	78	226212	5.528	ug/L	100
34) Trichloroethene	5.96	95	63599	5.449	ug/L	97
35) Methylcyclohexane	6.18	83	99289	5.430	ug/L	99
37) 1,2-Dichloropropane	6.22	63	51093	5.397	ug/L	98
38) Bromodichloromethane	6.56	83	72065	5.391	ug/L	98
39) cis-1,3-Dichloropropene	7.07	75	80623	5.431	ug/L	100
40) 4-Methyl-2-pentanone	7.28	43	307711	57.618	ug/L	99
42) Toluene	7.43	91	249459	5.483	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	65606	5.466	ug/L	100
45) 1,1,2-Trichloroethane	7.88	97	37263	5.161	ug/L	95
47) Tetrachloroethene	8.02	164	56265	5.517	ug/L	99
48) 2-Hexanone	8.19	43	220901	58.527	ug/L	99
49) Dibromochloromethane	8.29	129	48494	5.478	ug/L	96
50) 1,2-Dibromoethane	8.40	107	36391	5.392	ug/L	99
51) Chlorobenzene	8.92	112	161530	5.310	ug/L	99
52) Ethylbenzene	9.05	91	285716	5.503	ug/L	100
53) m,p-xylene	9.18	106	111802	5.657	ug/L	99
54) o-xylene	9.59	106	104188	5.570	ug/L	96
55) Styrene	9.60	104	178845	5.675	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.29	83	39870	5.145	ug/L	94
59) Bromoform	9.77	173	26046	5.109	ug/L	99
60) Isopropylbenzene	9.97	105	289992	5.383	ug/L	99
61) 1,2,3-Trichloropropane	10.32	75	32773	5.332	ug/L	98
62) 1,3,5-Trimethylbenzene	10.58	105	235016	5.283	ug/L	99
63) 1,2,4-Trimethylbenzene	10.96	105	241616	5.467	ug/L	100
64) 1,3-Dichlorobenzene	11.22	146	144455	5.381	ug/L	99
65) 1,4-Dichlorobenzene	11.32	146	144307	5.275	ug/L	98
67) 1,2-Dichlorobenzene	11.69	146	128143	5.253	ug/L	98
68) 1,2-Dibromo-3-chloropropan	12.48	75	7178	5.664	ug/L	91
69) 1,3,5-Trichlorobenzene	12.69	180	115097	5.186	ug/L	99
70) 1,2,4-trichlorobenzene	13.31	180	95316	5.427	ug/L	99
71) Naphthalene	13.55	128	140795	5.777	ug/L	99
72) 1,2,3-Trichlorobenzene	13.79	180	86311	5.544	ug/L	98

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

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