

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV072219\
 Data File : VV011953.D
 Acq On : 22 Jul 2019 17:18
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV36

Quant Time: Jul 23 07:21:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jul 23 07:18:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	147007	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	136800	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	72733	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	38088	4.99	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.80%
7) Chloroethane-d5	1.59	69	29075	4.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.80%
11) 1,1-Dichloroethene-d2	2.13	63	76758	5.05	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	101.00%
20) 2-Butanone-d5	3.96	46	115141	51.56	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.12%
24) Chloroform-d	4.40	84	96928	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.80%
26) 1,2-Dichloroethane-d4	5.08	65	50545	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.80%
32) Benzene-d6	5.10	84	199477	5.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.60%
36) 1,2-Dichloropropane-d6	6.12	67	55813	5.11	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.20%
41) Toluene-d8	7.36	98	187027	5.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.60%
43) trans-1,3-Dichloropropene-	7.67	79	23784	5.37	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	107.40%
46) 2-Hexanone-d5	8.13	63	96103	54.01	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.02%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	39096	5.04	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	71416	5.10	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.00%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.14	85	77250	5.084	ug/L	98
3) Chloromethane	1.25	50	43746	4.962	ug/L	97
5) Vinyl chloride	1.32	62	46228	5.121	ug/L	99
6) Bromomethane	1.54	94	27756	5.228	ug/L	99
8) Chloroethane	1.60	64	26737	5.006	ug/L	99
9) Trichlorofluoromethane	1.77	101	85037	5.110	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	38151	5.100	ug/L	99
12) 1,1-Dichloroethene	2.14	96	34279	5.123	ug/L	95
13) Acetone	2.22	43	55817	46.364	ug/L	98
14) Carbon disulfide	2.32	76	98224	5.151	ug/L	99
15) Methyl Acetate	2.47	43	11231	4.273	ug/L	95
16) Methylene chloride	2.54	84	33577	4.476	ug/L	98
17) Methyl tert-butyl Ether	2.81	73	115457	5.057	ug/L	98
18) trans-1,2-Dichloroethene	2.79	96	52540	5.043	ug/L	99
19) 1,1-Dichloroethane	3.23	63	95337	5.181	ug/L	97
21) 2-Butanone	4.04	43	117737	50.980	ug/L	100
22) cis-1,2-Dichloroethene	3.96	96	56154	5.015	ug/L	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	23434	5.090	ug/L	98
25) Chloroform	4.43	83	106983	4.813	ug/L	95
27) 1,2-Dichloroethane	5.18	62	64073	5.185	ug/L	98
29) 1,1,1-Trichloroethane	4.66	97	92191	5.265	ug/L	99
30) Cyclohexane	4.72	56	84636	5.117	ug/L	99
31) Carbon tetrachloride	4.87	117	82205	5.215	ug/L	100
33) Benzene	5.15	78	210144	5.222	ug/L	100
34) Trichloroethene	5.96	95	59136	5.292	ug/L	97
35) Methylcyclohexane	6.18	83	93955	5.402	ug/L	99
37) 1,2-Dichloropropane	6.22	63	49516	5.118	ug/L	99
38) Bromodichloromethane	6.56	83	66129	5.116	ug/L	99
39) cis-1,3-Dichloropropene	7.07	75	76786	5.355	ug/L	98
40) 4-Methyl-2-pentanone	7.28	43	285085	52.741	ug/L	99
42) Toluene	7.43	91	231883	5.368	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	60567	5.310	ug/L	100
45) 1,1,2-Trichloroethane	7.88	97	34773	5.204	ug/L	98
47) Tetrachloroethene	8.02	164	50375	5.224	ug/L	95
48) 2-Hexanone	8.19	43	209717	55.307	ug/L	98
49) Dibromochloromethane	8.29	129	44226	5.406	ug/L	98
50) 1,2-Dibromoethane	8.40	107	32855	5.208	ug/L	98
51) Chlorobenzene	8.92	112	147982	5.232	ug/L	100
52) Ethylbenzene	9.05	91	260906	5.292	ug/L	100
53) m,p-xylene	9.18	106	102235	5.448	ug/L	97
54) o-xylene	9.59	106	94905	5.333	ug/L	98
55) Styrene	9.60	104	163210	5.443	ug/L	99
56) Isopropylbenzene	9.97	105	265499	5.343	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	38017	5.250	ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	29994	5.316	ug/L	97
61) Bromoform	9.77	173	23009	5.154	ug/L	100
62) 1,3-Dichlorobenzene	11.22	146	124759	5.244	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	126586	5.169	ug/L	98
65) 1,2-Dichlorobenzene	11.69	146	116615	5.325	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.48	75	6770	5.321	ug/L	94
67) 1,3,5-Trichlorobenzene	12.69	180	105261	5.290	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	88039	5.449	ug/L	99
69) Naphthalene	13.55	128	132217	5.427	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	80520	5.493	ug/L	99

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

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