

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV072319\
 Data File : VV011961.D
 Acq On : 23 Jul 2019 12:24
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00544

Quant Time: Jul 24 05:50:31 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	5.66	114	141067	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	135142	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	72678	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	38492	5.25	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	105.00%
7) Chloroethane-d5	1.59	69	30463	5.28	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.60%
11) 1,1-Dichloroethene-d2	2.13	63	79467	5.45	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	109.00%
20) 2-Butanone-d5	3.96	46	117084	54.63	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.26%
24) Chloroform-d	4.40	84	97451	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.40%
26) 1,2-Dichloroethane-d4	5.08	65	54264	5.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.60%
32) Benzene-d6	5.10	84	206679	5.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.80%
36) 1,2-Dichloropropane-d6	6.12	67	57497	5.33	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.60%
41) Toluene-d8	7.36	98	196344	5.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.40%
43) trans-1,3-Dichloropropene-	7.66	79	25161	5.75	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	115.00%
46) 2-Hexanone-d5	8.14	63	95722	54.46	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.92%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	40658	5.30	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	74290	5.31	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.20%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.14	85	69031	4.734	ug/L	98
3) Chloromethane	1.25	50	39923	4.719	ug/L	97
5) Vinyl chloride	1.32	62	41471	4.787	ug/L	99
6) Bromomethane	1.54	94	24331	4.775	ug/L	99
8) Chloroethane	1.60	64	23586	4.602	ug/L	100
9) Trichlorofluoromethane	1.77	101	80794	5.060	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	35005	4.877	ug/L	99
12) 1,1-Dichloroethene	2.14	96	32260	5.025	ug/L	99
13) Acetone	2.22	43	52704	45.621	ug/L	99
14) Carbon disulfide	2.32	76	87278	4.769	ug/L	98
15) Methyl Acetate	2.47	43	10410	4.128	ug/L	98
16) Methylene chloride	2.54	84	31369	4.357	ug/L	93
17) Methyl tert-butyl Ether	2.81	73	106568	4.864	ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	48401	4.841	ug/L	98
19) 1,1-Dichloroethane	3.23	63	86068	4.874	ug/L	96
21) 2-Butanone	4.04	43	106738	48.164	ug/L	99
22) cis-1,2-Dichloroethene	3.96	96	50802	4.728	ug/L	90

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	22596	5.115	ug/L	98
25) Chloroform	4.43	83	103840	4.869	ug/L	99
27) 1,2-Dichloroethane	5.18	62	59543	5.021	ug/L	98
29) 1,1,1-Trichloroethane	4.66	97	85055	4.917	ug/L	99
30) Cyclohexane	4.72	56	76568	4.686	ug/L	99
31) Carbon tetrachloride	4.87	117	77601	4.984	ug/L	99
33) Benzene	5.15	78	194884	4.902	ug/L	100
34) Trichloroethene	5.96	95	54533	4.940	ug/L	98
35) Methylcyclohexane	6.17	83	83680	4.870	ug/L	98
37) 1,2-Dichloropropane	6.22	63	46095	4.823	ug/L	99
38) Bromodichloromethane	6.56	83	63059	4.938	ug/L	97
39) cis-1,3-Dichloropropene	7.07	75	69047	4.875	ug/L	99
40) 4-Methyl-2-pentanone	7.27	43	265779	49.773	ug/L	100
42) Toluene	7.43	91	211985	4.968	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	54112	4.803	ug/L	99
45) 1,1,2-Trichloroethane	7.88	97	32181	4.876	ug/L	98
47) Tetrachloroethene	8.02	164	47402	4.976	ug/L	98
48) 2-Hexanone	8.19	43	189173	50.502	ug/L	99
49) Dibromochloromethane	8.29	129	40810	5.049	ug/L	97
50) 1,2-Dibromoethane	8.40	107	30926	4.962	ug/L	100
51) Chlorobenzene	8.92	112	138327	4.951	ug/L	98
52) Ethylbenzene	9.05	91	241000	4.948	ug/L	100
53) m,p-xylene	9.18	106	93503	5.044	ug/L	100
54) o-xylene	9.59	106	87782	4.994	ug/L	99
55) Styrene	9.60	104	148680	5.019	ug/L	97
56) Isopropylbenzene	9.97	105	245276	4.996	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	34776	4.861	ug/L	96
59) 1,2,3-Trichloropropane	10.32	75	27631	4.957	ug/L	99
61) Bromoform	9.78	173	22184	4.973	ug/L	96
62) 1,3-Dichlorobenzene	11.23	146	113764	4.786	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	116263	4.751	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	103892	4.747	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.48	75	5919	4.655	ug/L	90
67) 1,3,5-Trichlorobenzene	12.69	180	95583	4.808	ug/L	98
68) 1,2,4-trichlorobenzene	13.31	180	76868	4.761	ug/L	99
69) Naphthalene	13.55	128	111241	4.569	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	70516	4.814	ug/L	99

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

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