

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV073119\
 Data File : VV012091.D
 Acq On : 31 Jul 2019 01:14
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00556

Quant Time: Jul 31 05:41:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR073119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jul 31 05:31:06 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	116344	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	112465	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	62411	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	23972	4.38	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.60%
7) Chloroethane-d5	1.58	69	19432	4.57	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.40%
11) 1,1-Dichloroethene-d2	2.13	63	54375	4.77	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.40%
20) 2-Butanone-d5	3.97	46	71912	47.42	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.84%
24) Chloroform-d	4.40	84	69914	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.80%
26) 1,2-Dichloroethane-d4	5.08	65	40499	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.20%
32) Benzene-d6	5.10	84	135585	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.20%
36) 1,2-Dichloropropane-d6	6.12	67	37213	4.77	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.40%
41) Toluene-d8	7.36	98	133632	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.80%
43) trans-1,3-Dichloropropene-	7.66	79	16895	4.86	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.20%
46) 2-Hexanone-d5	8.14	63	58975	49.64	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.28%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	28373	4.79	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	55991	4.87	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.40%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	64612	5.008	ug/L 100
3) Chloromethane	1.25	50	30023	4.869	ug/L 99
5) Vinyl chloride	1.32	62	32779	4.870	ug/L 95
6) Bromomethane	1.54	94	21113	5.056	ug/L 100
8) Chloroethane	1.60	64	18713	4.989	ug/L 99
9) Trichlorofluoromethane	1.77	101	68046	5.207	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	28145	5.054	ug/L 97
12) 1,1-Dichloroethene	2.14	96	26488	5.188	ug/L 99
13) Acetone	2.23	43	37561	48.672	ug/L 66
14) Carbon disulfide	2.32	76	72311	5.183	ug/L 99
15) Methyl Acetate	2.48	43	7034	4.015	ug/L 96
16) Methylene chloride	2.54	84	26058	4.910	ug/L 97
17) Methyl tert-butyl Ether	2.81	73	86749	5.112	ug/L 97
18) trans-1,2-Dichloroethene	2.79	96	39173	5.151	ug/L 97
19) 1,1-Dichloroethane	3.23	63	68328	5.048	ug/L 98
21) 2-Butanone	4.06	43	77223	50.466	ug/L 100
22) cis-1,2-Dichloroethene	3.96	96	41881	5.130	ug/L 96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	18905	5.156	ug/L	92
25) Chloroform	4.43	83	86241	4.907	ug/L	99
27) 1,2-Dichloroethane	5.18	62	50426	5.214	ug/L	96
29) 1,1,1-Trichloroethane	4.66	97	76606	5.242	ug/L	99
30) Cyclohexane	4.72	56	56193	5.045	ug/L	99
31) Carbon tetrachloride	4.87	117	68387	5.216	ug/L	100
33) Benzene	5.15	78	154151	5.171	ug/L	100
34) Trichloroethene	5.96	95	44530	5.179	ug/L	97
35) Methylcyclohexane	6.18	83	66622	5.116	ug/L	98
37) 1,2-Dichloropropane	6.22	63	34728	5.037	ug/L	98
38) Bromodichloromethane	6.56	83	52585	5.193	ug/L	97
39) cis-1,3-Dichloropropene	7.07	75	54421	5.073	ug/L	98
40) 4-Methyl-2-pentanone	7.28	43	193388	51.531	ug/L	100
42) Toluene	7.43	91	173998	5.338	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	44424	5.129	ug/L	99
45) 1,1,2-Trichloroethane	7.88	97	26184	5.094	ug/L	98
47) Tetrachloroethene	8.02	164	40566	5.190	ug/L	99
48) 2-Hexanone	8.19	43	135914	52.072	ug/L	99
49) Dibromochloromethane	8.29	129	35195	5.276	ug/L	95
50) 1,2-Dibromoethane	8.40	107	25614	5.203	ug/L #	93
51) Chlorobenzene	8.92	112	114835	5.199	ug/L	99
52) Ethylbenzene	9.05	91	198071	5.275	ug/L	98
53) m,p-xylene	9.18	106	78743	5.466	ug/L	95
54) o-xylene	9.59	106	73447	5.319	ug/L	97
55) Styrene	9.60	104	126713	5.410	ug/L	100
56) Isopropylbenzene	9.97	105	205188	5.363	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.29	83	28668	5.051	ug/L	95
59) 1,2,3-Trichloropropane	10.32	75	22324	5.207	ug/L	98
61) Bromoform	9.77	173	20231	5.454	ug/L	100
62) 1,3-Dichlorobenzene	11.22	146	101517	5.274	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	101756	5.181	ug/L	98
65) 1,2-Dichlorobenzene	11.69	146	93504	5.378	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.48	75	5101	5.461	ug/L	97
67) 1,3,5-Trichlorobenzene	12.69	180	84196	5.345	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	67043	5.269	ug/L	99
69) Naphthalene	13.55	128	90882	5.306	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	60426	5.335	ug/L	99

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

