

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV030119\
 Data File : VV009463.D
 Acq On : 01 Mar 2019 18:50
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Quant Time: Mar 02 00:12:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR022819WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Mar 02 00:06:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	88202	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	89200	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	43365	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	22618	4.91	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.20%
7) Chloroethane-d5	1.58	69	21165	5.09	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.80%
11) 1,1-Dichloroethene-d2	2.13	63	60586	5.20	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	104.00%
20) 2-Butanone-d5	3.97	46	52594	60.20	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	120.40%
24) Chloroform-d	4.41	84	47394	5.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.00%
26) 1,2-Dichloroethane-d4	5.08	65	23963	5.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.80%
32) Benzene-d6	5.10	84	92614	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.60%
36) 1,2-Dichloropropane-d6	6.12	67	28485	4.94	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.80%
41) Toluene-d8	7.36	98	94252	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.20%
43) trans-1,3-Dichloropropene-	7.67	79	11593	4.54	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.80%
46) 2-Hexanone-d5	8.14	63	42371	51.17	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.34%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	22947	5.12	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	35525	5.09	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.80%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	25270	4.662	ug/L 96
3) Chloromethane	1.25	50	29646	5.168	ug/L 99
5) Vinyl chloride	1.32	62	33835	5.379	ug/L 97
6) Bromomethane	1.54	94	20138	4.666	ug/L 97
8) Chloroethane	1.60	64	25168	6.013	ug/L 100
9) Trichlorofluoromethane	1.77	101	73078	5.474	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	34480	5.304	ug/L 97
12) 1,1-Dichloroethene	2.14	96	30969	5.359	ug/L 95
13) Acetone	2.22	43	46435	55.949	ug/L 70
14) Carbon disulfide	2.32	76	99538	5.247	ug/L 99
15) Methyl Acetate	2.47	43	12908	5.957	ug/L 95
16) Methylene chloride	2.54	84	33530	5.223	ug/L 94
17) Methyl tert-butyl Ether	2.82	73	82151	5.553	ug/L 98
18) trans-1,2-Dichloroethene	2.79	96	34705	5.544	ug/L 93
19) 1,1-Dichloroethane	3.23	63	43845	5.171	ug/L 99
21) 2-Butanone	4.06	43	54005	51.375	ug/L 96
22) cis-1,2-Dichloroethene	3.96	96	29305	5.013	ug/L 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	11407	4.824	ug/L	91
25) Chloroform	4.43	83	51630	5.071	ug/L	99
27) 1,2-Dichloroethane	5.18	62	30834	5.193	ug/L	98
29) 1,1,1-Trichloroethane	4.66	97	46033	4.604	ug/L	97
30) Cyclohexane	4.72	56	44791	4.628	ug/L	98
31) Carbon tetrachloride	4.87	117	38228	4.632	ug/L	97
33) Benzene	5.15	78	110313	4.820	ug/L	100
34) Trichloroethene	5.96	95	32193	4.917	ug/L	97
35) Methylcyclohexane	6.17	83	49293	4.585	ug/L	96
37) 1,2-Dichloropropane	6.22	63	28539	5.032	ug/L #	97
38) Bromodichloromethane	6.56	83	37442	4.795	ug/L	98
39) cis-1,3-Dichloropropene	7.07	75	42864	4.789	ug/L	96
40) 4-Methyl-2-pentanone	7.28	43	151036	49.677	ug/L	99
42) Toluene	7.43	91	126278	4.782	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	32946	4.721	ug/L	97
45) 1,1,2-Trichloroethane	7.88	97	19168	4.708	ug/L	95
47) Tetrachloroethene	8.02	164	24095	4.688	ug/L	95
48) 2-Hexanone	8.19	43	105596	51.834	ug/L	97
49) Dibromochloromethane	8.29	129	24451	4.626	ug/L	97
50) 1,2-Dibromoethane	8.40	107	18412	4.778	ug/L #	97
51) Chlorobenzene	8.93	112	84665	4.921	ug/L	97
52) Ethylbenzene	9.06	91	149652	4.973	ug/L	98
53) m,p-xylene	9.18	106	57620	4.883	ug/L	96
54) o-xylene	9.59	106	55772	4.861	ug/L	98
55) Styrene	9.60	104	89973	4.838	ug/L	98
56) Isopropylbenzene	9.98	105	152058	4.989	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	24371	4.993	ug/L	91
59) 1,2,3-Trichloropropane	10.32	75	17333	5.245	ug/L	96
61) Bromoform	9.78	173	12010	4.430	ug/L	98
62) 1,3-Dichlorobenzene	11.23	146	64882	4.750	ug/L	94
63) 1,4-Dichlorobenzene	11.32	146	64497	4.823	ug/L	96
65) 1,2-Dichlorobenzene	11.69	146	62274	5.037	ug/L	95
66) 1,2-Dibromo-3-chloropropan	12.48	75	3601	4.546	ug/L	93
67) 1,3,5-Trichlorobenzene	12.69	180	46980	4.836	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	37234	5.033	ug/L	98
69) Naphthalene	13.55	128	60163	4.867	ug/L	98
70) 1,2,3-Trichlorobenzene	13.79	180	33645	4.985	ug/L	98

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

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