

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV022819\
 Data File : VV009420.D
 Acq On : 28 Feb 2019 13:11
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00567

Quant Time: Mar 01 03:47:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR022819WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Mar 01 03:43:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	116521	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	111344	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	54786	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	29445	4.84	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.80%
7) Chloroethane-d5	1.58	69	24608	4.48	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.60%
11) 1,1-Dichloroethene-d2	2.13	63	76516	4.97	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	99.40%
20) 2-Butanone-d5	3.98	46	59472	51.53	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.06%
24) Chloroform-d	4.40	84	58535	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.20%
26) 1,2-Dichloroethane-d4	5.09	65	30133	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.60%
32) Benzene-d6	5.10	84	118470	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.00%
36) 1,2-Dichloropropane-d6	6.12	67	35290	4.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.00%
41) Toluene-d8	7.36	98	120148	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.40%
43) trans-1,3-Dichloropropene-	7.67	79	15590	4.89	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.80%
46) 2-Hexanone-d5	8.14	63	52145	50.44	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.88%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	27123	4.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	44530	5.05	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.00%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	36255	5.063	ug/L 100
3) Chloromethane	1.25	50	36768	4.852	ug/L 95
5) Vinyl chloride	1.32	62	41004	4.935	ug/L 96
6) Bromomethane	1.54	94	29046	5.094	ug/L 93
8) Chloroethane	1.60	64	27343	4.945	ug/L 96
9) Trichlorofluoromethane	1.77	101	83201	4.718	ug/L 98
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	43545	5.070	ug/L 98
12) 1,1-Dichloroethene	2.14	96	38816	5.084	ug/L 97
13) Acetone	2.23	43	49599	45.237	ug/L 97
14) Carbon disulfide	2.32	76	125660	5.014	ug/L 100
15) Methyl Acetate	2.48	43	12269	4.286	ug/L 90
16) Methylene chloride	2.54	84	39394	4.645	ug/L 98
17) Methyl tert-butyl Ether	2.81	73	97805	5.004	ug/L 100
18) trans-1,2-Dichloroethene	2.79	96	39932	4.829	ug/L 92
19) 1,1-Dichloroethane	3.23	63	54497	4.865	ug/L 98
21) 2-Butanone	4.06	43	69270	49.881	ug/L 97
22) cis-1,2-Dichloroethene	3.96	96	37503	4.857	ug/L 95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	15537	4.974	ug/L	90
25) Chloroform	4.43	83	66909	4.975	ug/L	95
27) 1,2-Dichloroethane	5.19	62	38641	4.926	ug/L	97
29) 1,1,1-Trichloroethane	4.66	97	60696	4.863	ug/L	98
30) Cyclohexane	4.72	56	59350	4.913	ug/L	99
31) Carbon tetrachloride	4.87	117	49980	4.851	ug/L	97
33) Benzene	5.15	78	144433	5.056	ug/L	100
34) Trichloroethene	5.96	95	40916	5.007	ug/L	99
35) Methylcyclohexane	6.17	83	63933	4.765	ug/L	99
37) 1,2-Dichloropropane	6.23	63	34405	4.860	ug/L	99
38) Bromodichloromethane	6.56	83	48980	5.025	ug/L	97
39) cis-1,3-Dichloropropene	7.07	75	55494	4.967	ug/L	94
40) 4-Methyl-2-pentanone	7.28	43	188737	49.732	ug/L	100
42) Toluene	7.43	91	164212	4.982	ug/L	98
44) trans-1,3-Dichloropropene	7.69	75	44512	5.110	ug/L	99
45) 1,1,2-Trichloroethane	7.88	97	24906	4.900	ug/L	98
47) Tetrachloroethene	8.02	164	31780	4.953	ug/L	96
48) 2-Hexanone	8.19	43	132355	52.048	ug/L	97
49) Dibromochloromethane	8.29	129	33186	5.030	ug/L	100
50) 1,2-Dibromoethane	8.40	107	23926	4.974	ug/L	99
51) Chlorobenzene	8.93	112	108447	5.050	ug/L	98
52) Ethylbenzene	9.06	91	190490	5.071	ug/L	99
53) m,p-xylene	9.18	106	74349	5.047	ug/L	99
54) o-xylene	9.59	106	72236	5.044	ug/L	96
55) Styrene	9.61	104	118247	5.094	ug/L	96
56) Isopropylbenzene	9.98	105	194260	5.106	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	30299	4.973	ug/L	94
59) 1,2,3-Trichloropropane	10.32	75	20214	4.900	ug/L	96
61) Bromoform	9.78	173	16911	4.937	ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	86052	4.987	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	86340	5.111	ug/L	97
65) 1,2-Dichlorobenzene	11.69	146	78927	5.053	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	5380	5.376	ug/L	97
67) 1,3,5-Trichlorobenzene	12.69	180	61250	4.990	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	49791	5.328	ug/L	98
69) Naphthalene	13.55	128	86806	5.558	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	46297	5.429	ug/L	97

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

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