

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV022819\
 Data File : VV009442.D
 Acq On : 28 Feb 2019 23:23
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00568

Quant Time: Mar 01 03:57:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR022819WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Mar 01 03:49:54 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	95236	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	91791	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	45564	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	23461	4.72	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.40%
7) Chloroethane-d5	1.58	69	26160	5.82	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	116.40%
11) 1,1-Dichloroethene-d2	2.13	63	64315	5.11	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	102.20%
20) 2-Butanone-d5	3.96	46	54601	57.88	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.76%
24) Chloroform-d	4.40	84	51434	5.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.60%
26) 1,2-Dichloroethane-d4	5.09	65	25644	5.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.80%
32) Benzene-d6	5.10	84	102137	5.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.60%
36) 1,2-Dichloropropane-d6	6.12	67	31493	5.31	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.20%
41) Toluene-d8	7.36	98	104341	5.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.60%
43) trans-1,3-Dichloropropene-	7.67	79	12609	4.80	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.00%
46) 2-Hexanone-d5	8.14	63	45667	53.59	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.18%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	24965	5.41	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.20%
64) 1,2-Dichlorobenzene-d4	11.68	152	37956	5.18	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.60%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.14	85	27007	4.614	ug/L	99
3) Chloromethane	1.25	50	30754	4.965	ug/L	98
5) Vinyl chloride	1.32	62	34397	5.065	ug/L	94
6) Bromomethane	1.54	94	10305	2.211	ug/L	100
8) Chloroethane	1.60	64	28773	6.366	ug/L	98
9) Trichlorofluoromethane	1.77	101	65732	4.560	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	34650	4.936	ug/L	99
12) 1,1-Dichloroethene	2.14	96	31726	5.084	ug/L	92
13) Acetone	2.21	43	45769	51.073	ug/L	100
14) Carbon disulfide	2.32	76	105092	5.131	ug/L	100
15) Methyl Acetate	2.47	43	12920	5.522	ug/L	95
16) Methylene chloride	2.54	84	34324	4.952	ug/L	98
17) Methyl tert-butyl Ether	2.81	73	84036	5.261	ug/L	98
18) trans-1,2-Dichloroethene	2.79	96	35920	5.315	ug/L	97
19) 1,1-Dichloroethane	3.23	63	46389	5.067	ug/L	100
21) 2-Butanone	4.05	43	57183	50.380	ug/L	98
22) cis-1,2-Dichloroethene	3.96	96	31931	5.059	ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.31	128	12794	5.011	ug/L	98
25) Chloroform	4.43	83	55085	5.011	ug/L	99
27) 1,2-Dichloroethane	5.18	62	34007	5.304	ug/L	96
29) 1,1,1-Trichloroethane	4.66	97	51357	4.992	ug/L	98
30) Cyclohexane	4.72	56	48647	4.884	ug/L	97
31) Carbon tetrachloride	4.87	117	43403	5.110	ug/L	99
33) Benzene	5.15	78	119479	5.073	ug/L	100
34) Trichloroethene	5.96	95	34391	5.105	ug/L	96
35) Methylcyclohexane	6.17	83	52801	4.773	ug/L	97
37) 1,2-Dichloropropane	6.23	63	29172	4.998	ug/L	99
38) Bromodichloromethane	6.56	83	41039	5.108	ug/L	97
39) cis-1,3-Dichloropropene	7.07	75	44904	4.875	ug/L	96
40) 4-Methyl-2-pentanone	7.28	43	164022	52.426	ug/L	98
42) Toluene	7.43	91	137635	5.065	ug/L	98
44) trans-1,3-Dichloropropene	7.70	75	34151	4.756	ug/L	99
45) 1,1,2-Trichloroethane	7.88	97	21355	5.097	ug/L	98
47) Tetrachloroethene	8.02	164	25960	4.908	ug/L	95
48) 2-Hexanone	8.19	43	110076	52.508	ug/L	99
49) Dibromochloromethane	8.29	129	26883	4.943	ug/L	99
50) 1,2-Dibromoethane	8.40	107	20962	5.286	ug/L	94
51) Chlorobenzene	8.93	112	91447	5.165	ug/L	98
52) Ethylbenzene	9.06	91	159622	5.155	ug/L	100
53) m,p-xylene	9.18	106	62011	5.107	ug/L	93
54) o-xylene	9.59	106	59357	5.027	ug/L	96
55) Styrene	9.60	104	99339	5.191	ug/L	99
56) Isopropylbenzene	9.98	105	162401	5.178	ug/L	98
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	26542	5.284	ug/L	98
59) 1,2,3-Trichloropropane	10.32	75	18964	5.576	ug/L	99
61) Bromoform	9.78	173	13228	4.643	ug/L	98
62) 1,3-Dichlorobenzene	11.23	146	71829	5.005	ug/L	97
63) 1,4-Dichlorobenzene	11.32	146	71123	5.062	ug/L	95
65) 1,2-Dichlorobenzene	11.69	146	65025	5.006	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	4053	4.869	ug/L	93
67) 1,3,5-Trichlorobenzene	12.69	180	50359	4.933	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	40723	5.239	ug/L	99
69) Naphthalene	13.55	128	65900	5.073	ug/L	98
70) 1,2,3-Trichlorobenzene	13.79	180	36340	5.124	ug/L	99

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

