

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121018\
 Data File : VV008889.D
 Acq On : 10 Dec 2018 15:31
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0ML/MSVOA V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00574

Quant Time: Dec 11 03:24:34 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR120518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Dec 11 03:21:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	127180	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	118249	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	60315	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	22321	3.29	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	65.80%
7) Chloroethane-d5	1.58	69	19694	3.94	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.80%
11) 1,1-Dichloroethene-d2	2.13	63	63275	4.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.80%
20) 2-Butanone-d5	3.98	46	74691	44.59	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.18%
24) Chloroform-d	4.40	84	65835	4.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.60%
26) 1,2-Dichloroethane-d4	5.09	65	31474	4.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.40%
32) Benzene-d6	5.10	84	125319	4.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.00%
36) 1,2-Dichloropropane-d6	6.12	67	37314	4.11	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.20%
41) Toluene-d8	7.36	98	117865	4.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.60%
43) trans-1,3-Dichloropropene-	7.67	79	15271	4.46	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.20%
46) 2-Hexanone-d5	8.14	63	61518	47.12	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.24%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	26391	4.34	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	45634	4.11	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	82.20%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	57393	4.750	ug/L 99
3) Chloromethane	1.25	50	36437	4.552	ug/L 98
5) Vinyl chloride	1.32	62	38066	4.667	ug/L 97
6) Bromomethane	1.54	94	24042	5.028	ug/L 98
8) Chloroethane	1.60	64	21422	4.675	ug/L 97
9) Trichlorofluoromethane	1.77	101	67222	5.114	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	41821	5.847	ug/L 99
12) 1,1-Dichloroethene	2.14	96	37656	6.043	ug/L 94
13) Acetone	2.24	43	52255	56.042	ug/L 91
14) Carbon disulfide	2.32	76	115004	6.133	ug/L 97
15) Methyl Acetate	2.47	43	13552	6.580	ug/L 92
16) Methylene chloride	2.54	84	37757	5.610	ug/L 96
17) Methyl tert-butyl Ether	2.81	73	89323	5.838	ug/L 99
18) trans-1,2-Dichloroethene	2.79	96	40017	5.875	ug/L 96
19) 1,1-Dichloroethane	3.23	63	73922	4.966	ug/L 98
21) 2-Butanone	4.06	43	82750	47.256	ug/L 98
22) cis-1,2-Dichloroethene	3.96	96	46433	4.980	ug/L 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	19777	5.015	ug/L	93
25) Chloroform	4.43	83	77238	4.787	ug/L	99
27) 1,2-Dichloroethane	5.18	62	45756	4.969	ug/L	100
29) 1,1,1-Trichloroethane	4.66	97	70348	5.023	ug/L	98
30) Cyclohexane	4.72	56	66669	4.953	ug/L	100
31) Carbon tetrachloride	4.87	117	63948	5.073	ug/L	98
33) Benzene	5.15	78	167365	4.978	ug/L	100
34) Trichloroethene	5.96	95	48562	4.966	ug/L	97
35) Methylcyclohexane	6.17	83	74318	4.804	ug/L	99
37) 1,2-Dichloropropane	6.22	63	39204	4.758	ug/L	99
38) Bromodichloromethane	6.56	83	50959	5.025	ug/L	98
39) cis-1,3-Dichloropropene	7.07	75	57834	5.009	ug/L	100
40) 4-Methyl-2-pentanone	7.28	43	206536	49.414	ug/L	99
42) Toluene	7.43	91	180145	4.964	ug/L	100
44) trans-1,3-Dichloropropene	7.69	75	47142	5.263	ug/L	94
45) 1,1,2-Trichloroethane	7.88	97	28363	4.903	ug/L	98
47) Tetrachloroethene	8.02	164	39891	5.085	ug/L	98
48) 2-Hexanone	8.19	43	147347	50.009	ug/L	99
49) Dibromochloromethane	8.29	129	35389	5.230	ug/L	100
50) 1,2-Dibromoethane	8.40	107	27946	5.156	ug/L #	99
51) Chlorobenzene	8.93	112	119778	5.016	ug/L	99
52) Ethylbenzene	9.05	91	199109	5.025	ug/L	100
53) m,p-xylene	9.18	106	77477	5.119	ug/L	100
54) o-xylene	9.59	106	73120	5.065	ug/L	99
55) Styrene	9.60	104	125193	5.242	ug/L	98
56) Isopropylbenzene	9.97	105	202241	5.178	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	28933	4.956	ug/L	100
59) 1,2,3-Trichloropropane	10.32	75	24504	4.983	ug/L	99
61) Bromoform	9.78	173	18320	5.105	ug/L	96
62) 1,3-Dichlorobenzene	11.23	146	95212	4.882	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	96919	4.862	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	87793	4.874	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	4351	4.812	ug/L	88
67) 1,3,5-Trichlorobenzene	12.69	180	73142	5.038	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	55346	5.132	ug/L	99
69) Naphthalene	13.56	128	75890	4.847	ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	50933	5.045	ug/L	98

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

