

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092818\
 Data File : VV007987.D
 Acq On : 29 Sep 2018 06:51
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00562

Quant Time: Oct 01 04:59:03 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR092718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Oct 01 04:55:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	94783	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	92287	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	49951	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	18722	3.68	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.60%
7) Chloroethane-d5	1.59	69	17724	4.04	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.80%
11) 1,1-Dichloroethene-d2	2.14	63	47030	4.10	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.00%
20) 2-Butanone-d5	3.96	46	69330	45.36	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.72%
24) Chloroform-d	4.41	84	51435	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.80%
26) 1,2-Dichloroethane-d4	5.09	65	27371	4.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.00%
32) Benzene-d6	5.10	84	94607	4.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.80%
36) 1,2-Dichloropropane-d6	6.12	67	30011	4.30	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.00%
41) Toluene-d8	7.36	98	95253	4.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.00%
43) trans-1,3-Dichloropropene-	7.67	79	10581	3.93	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.60%
46) 2-Hexanone-d5	8.14	63	54455	45.87	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.74%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	24452	4.54	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.80%
64) 1,2-Dichlorobenzene-d4	11.68	152	39522	4.09	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	81.80%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	37254	4.686	ug/L 97
3) Chloromethane	1.25	50	33165	4.689	ug/L 97
5) Vinyl chloride	1.33	62	35325	4.665	ug/L 96
6) Bromomethane	1.54	94	13651	2.923	ug/L 100
8) Chloroethane	1.60	64	22423	4.910	ug/L 96
9) Trichlorofluoromethane	1.77	101	59392	4.804	ug/L 98
10) 1,1,2-Trichloro-1,2,2-trif	2.15	101	33293	4.749	ug/L 99
12) 1,1-Dichloroethene	2.15	96	29988	4.786	ug/L 94
13) Acetone	2.21	43	47569	42.719	ug/L 99
14) Carbon disulfide	2.32	76	80266	4.726	ug/L 100
15) Methyl Acetate	2.47	43	12536	4.402	ug/L 99
16) Methylene chloride	2.54	84	32538	4.674	ug/L 92
17) Methyl tert-butyl Ether	2.81	73	73553	4.752	ug/L 98
18) trans-1,2-Dichloroethene	2.79	96	32950	4.771	ug/L 98
19) 1,1-Dichloroethane	3.23	63	56225	4.771	ug/L 98
21) 2-Butanone	4.05	43	79589	44.862	ug/L 99
22) cis-1,2-Dichloroethene	3.97	96	33877	4.845	ug/L 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.31	128	15599	5.129	ug/L	96
25) Chloroform	4.43	83	63100	4.951	ug/L	99
27) 1,2-Dichloroethane	5.19	62	38761	4.726	ug/L	96
29) 1,1,1-Trichloroethane	4.66	97	55184	4.973	ug/L	99
30) Cyclohexane	4.73	56	48779	4.676	ug/L	100
31) Carbon tetrachloride	4.88	117	49346	5.044	ug/L	100
33) Benzene	5.15	78	132652	5.020	ug/L	100
34) Trichloroethene	5.96	95	35484	4.689	ug/L	95
35) Methylcyclohexane	6.18	83	51889	4.573	ug/L	99
37) 1,2-Dichloropropane	6.23	63	33835	5.012	ug/L	99
38) Bromodichloromethane	6.56	83	40844	5.060	ug/L	97
39) cis-1,3-Dichloropropene	7.08	75	41824	4.631	ug/L	98
40) 4-Methyl-2-pentanone	7.28	43	201187	47.480	ug/L	99
42) Toluene	7.43	91	147146	5.113	ug/L	97
44) trans-1,3-Dichloropropene	7.70	75	34180	4.553	ug/L	98
45) 1,1,2-Trichloroethane	7.89	97	23305	4.783	ug/L	97
47) Tetrachloroethene	8.02	164	33078	4.718	ug/L	97
48) 2-Hexanone	8.19	43	139974	47.497	ug/L	98
49) Dibromochloromethane	8.30	129	27688	4.978	ug/L	98
50) 1,2-Dibromoethane	8.40	107	22130	4.969	ug/L	97
51) Chlorobenzene	8.93	112	97253	4.892	ug/L	100
52) Ethylbenzene	9.06	91	155335	4.838	ug/L	100
53) m,p-xylene	9.18	106	60087	4.915	ug/L	98
54) o-xylene	9.59	106	57244	4.848	ug/L	98
55) Styrene	9.61	104	100631	4.990	ug/L	98
56) Isopropylbenzene	9.98	105	156758	4.902	ug/L	98
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	27364	4.782	ug/L	98
59) 1,2,3-Trichloropropane	10.32	75	20065	4.777	ug/L	99
61) Bromoform	9.78	173	15491	5.164	ug/L	97
62) 1,3-Dichlorobenzene	11.23	146	78417	4.755	ug/L	98
63) 1,4-Dichlorobenzene	11.32	146	81704	4.765	ug/L	98
65) 1,2-Dichlorobenzene	11.69	146	76217	4.903	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	3889	4.911	ug/L	89
67) 1,3,5-Trichlorobenzene	12.70	180	66387	4.702	ug/L	98
68) 1,2,4-trichlorobenzene	13.32	180	52696	4.415	ug/L	100
69) Naphthalene	13.56	128	70303	4.211	ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	49767	4.605	ug/L	99

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

