

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV072118\
 Data File : VV006693.D
 Acq On : 21 Jul 2018 18:41
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25 mL/MSVOA V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00574

Quant Time: Jul 22 23:08:09 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR071918WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sun Jul 22 23:06:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	225316	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	209014	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	101798	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	68683	4.34	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.80%
7) Chloroethane-d5	1.57	69	53104	4.98	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.60%
11) 1,1-Dichloroethene-d2	2.13	63	145433	4.78	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.60%
20) 2-Butanone-d5	3.95	46	128864	37.52	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	75.04%
24) Chloroform-d	4.40	84	134874	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.40%
26) 1,2-Dichloroethane-d4	5.09	65	64929	5.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.40%
32) Benzene-d6	5.10	84	274229	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.60%
36) 1,2-Dichloropropane-d6	6.12	67	87734	4.98	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.60%
41) Toluene-d8	7.36	98	253733	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.20%
43) trans-1,3-Dichloropropene-	7.67	79	29177	4.88	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.60%
46) 2-Hexanone-d5	8.14	63	160746	53.98	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.96%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	68998	5.39	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.80%
64) 1,2-Dichlorobenzene-d4	11.68	152	90141	4.92	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.40%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	115035	5.37 ug/L	# 84
3) Chloromethane	1.26	50	96121	5.31 ug/L	100
5) Vinyl chloride	1.32	62	124418	5.32 ug/L	99
6) Bromomethane	1.52	94	26261	3.96 ug/L	96
8) Chloroethane	1.59	64	70022	5.21 ug/L	100
9) Trichlorofluoromethane	1.76	101	153159	5.45 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	96567	5.49 ug/L	100
12) 1,1-Dichloroethene	2.14	96	89598	5.37 ug/L	97
13) Acetone	2.19	43	151011	57.33 ug/L	99
14) Carbon disulfide	2.32	76	268656	4.97 ug/L	99
15) Methyl Acetate	2.46	43	44215	5.72 ug/L	99
16) Methylene chloride	2.54	84	103984	4.96 ug/L	100
17) Methyl tert-butyl Ether	2.81	73	234489	5.69 ug/L	100
18) trans-1,2-Dichloroethene	2.79	96	98221	5.34 ug/L	98
19) 1,1-Dichloroethane	3.23	63	180809	5.57 ug/L	99
21) 2-Butanone	4.03	43	264127	59.87 ug/L	99
22) cis-1,2-Dichloroethene	3.96	96	105454	5.48 ug/L	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	44373	5.66	ug/L	98
25) Chloroform	4.43	83	176736	5.65	ug/L	99
27) 1,2-Dichloroethane	5.19	62	104311	5.71	ug/L	99
29) 1,1,1-Trichloroethane	4.66	97	142966	5.47	ug/L	99
30) Cyclohexane	4.72	56	152470	5.22	ug/L	99
31) Carbon tetrachloride	4.88	117	121753	5.45	ug/L	99
33) Benzene	5.15	78	404657	5.50	ug/L	100
34) Trichloroethene	5.96	95	98337	5.29	ug/L	99
35) Methylcyclohexane	6.18	83	163466	5.27	ug/L	99
37) 1,2-Dichloropropane	6.23	63	104918	5.59	ug/L	100
38) Bromodichloromethane	6.56	83	115705	5.55	ug/L	98
39) cis-1,3-Dichloropropene	7.08	75	134883	5.47	ug/L	100
40) 4-Methyl-2-pentanone	7.28	43	598034	58.98	ug/L	99
42) Toluene	7.44	91	422400	5.56	ug/L	100
44) trans-1,3-Dichloropropene	7.70	75	104984	5.48	ug/L	100
45) 1,1,2-Trichloroethane	7.89	97	72668	5.76	ug/L	98
47) Tetrachloroethene	8.02	164	79920	5.35	ug/L	98
48) 2-Hexanone	8.19	43	427092	60.26	ug/L	99
49) Dibromochloromethane	8.30	129	76231	5.70	ug/L	100
50) 1,2-Dibromoethane	8.40	107	64670	5.70	ug/L	98
51) Chlorobenzene	8.93	112	272500	5.52	ug/L	99
52) Ethylbenzene	9.06	91	451532	5.53	ug/L	99
53) m,p-xylene	9.19	106	173336	5.59	ug/L	100
54) o-xylene	9.59	106	168224	5.56	ug/L	97
55) Styrene	9.61	104	290915	5.74	ug/L	99
56) Isopropylbenzene	9.98	105	443877	5.59	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	89753	5.93	ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	63098	5.71	ug/L	100
61) Bromoform	9.78	173	39567	5.62	ug/L	98
62) 1,3-Dichlorobenzene	11.23	146	198643	5.36	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	204009	5.42	ug/L	99
65) 1,2-Dichlorobenzene	11.70	146	197909	5.57	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	11180	5.30	ug/L	98
67) 1,3,5-Trichlorobenzene	12.70	180	155065	5.41	ug/L	99
68) 1,2,4-trichlorobenzene	13.32	180	122735	5.40	ug/L	99
69) Naphthalene	13.56	128	210223	5.34	ug/L	100
70) 1,2,3-Trichlorobenzene	13.80	180	117214	5.47	ug/L	99

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

