

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081018\
 Data File : VV006973.D
 Acq On : 10 Aug 2018 09:33
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25 mL/MSVOA V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00583

Quant Time: Aug 10 23:02:21 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080918WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Aug 10 02:34:57 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	256892	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	251641	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	115124	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	73878	4.46	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.20%
7) Chloroethane-d5	1.58	69	66337	4.72	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.40%
11) 1,1-Dichloroethene-d2	2.13	63	146142	4.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.00%
20) 2-Butanone-d5	3.97	46	241696	50.68	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.36%
24) Chloroform-d	4.40	84	165822	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.60%
26) 1,2-Dichloroethane-d4	5.09	65	81879	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.40%
32) Benzene-d6	5.10	84	308011	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.20%
36) 1,2-Dichloropropane-d6	6.12	67	106357	4.81	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.20%
41) Toluene-d8	7.36	98	269049	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.80%
43) trans-1,3-Dichloropropene-	7.67	79	35844	4.66	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.20%
46) 2-Hexanone-d5	8.14	63	142122	45.20	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.40%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	81309	4.72	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.40%
64) 1,2-Dichlorobenzene-d4	11.68	152	92875	4.64	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.80%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	1.14	85	126158	5.04	ug/L	99
3) Chloromethane	1.25	50	108628	4.51	ug/L	100
5) Vinyl chloride	1.32	62	117904	4.74	ug/L	99
6) Bromomethane	1.54	94	21520	3.98	ug/L	98
8) Chloroethane	1.60	64	75207	4.98	ug/L	99
9) Trichlorofluoromethane	1.77	101	157373	4.97	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	98314	5.17	ug/L	97
12) 1,1-Dichloroethene	2.14	96	89838	4.87	ug/L	90
13) Acetone	2.21	43	136413	55.55	ug/L	99
14) Carbon disulfide	2.32	76	295913	4.86	ug/L	98
15) Methyl Acetate	2.47	43	32683	4.73	ug/L	97
16) Methylene chloride	2.54	84	96932	4.36	ug/L	97
17) Methyl tert-butyl Ether	2.81	73	212218	4.80	ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	98746	5.00	ug/L	99
19) 1,1-Dichloroethane	3.23	63	198614	5.57	ug/L	98
21) 2-Butanone	4.05	43	279914	52.50	ug/L	99
22) cis-1,2-Dichloroethene	3.96	96	109122	4.87	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	45692	5.00	ug/L	93
25) Chloroform	4.43	83	192942	4.95	ug/L	100
27) 1,2-Dichloroethane	5.19	62	118638	4.88	ug/L	98
29) 1,1,1-Trichloroethane	4.66	97	161392	4.81	ug/L	99
30) Cyclohexane	4.72	56	167749	4.80	ug/L	98
31) Carbon tetrachloride	4.88	117	137105	4.87	ug/L	97
33) Benzene	5.15	78	431195	4.95	ug/L	100
34) Trichloroethene	5.96	95	101333	4.85	ug/L	94
35) Methylcyclohexane	6.18	83	168977	5.04	ug/L	99
37) 1,2-Dichloropropane	6.22	63	117610	4.93	ug/L	99
38) Bromodichloromethane	6.56	83	130347	4.81	ug/L	99
39) cis-1,3-Dichloropropene	7.08	75	136998	4.75	ug/L	97
40) 4-Methyl-2-pentanone	7.29	43	625576	48.53	ug/L	100
42) Toluene	7.43	91	434909	5.19	ug/L	99
44) trans-1,3-Dichloropropene	7.70	75	116318	4.92	ug/L	99
45) 1,1,2-Trichloroethane	7.89	97	72637	4.68	ug/L	99
47) Tetrachloroethene	8.02	164	84960	5.01	ug/L	96
48) 2-Hexanone	8.20	43	468887	51.58	ug/L	98
49) Dibromochloromethane	8.30	129	79561	4.89	ug/L	92
50) 1,2-Dibromoethane	8.40	107	62618	4.78	ug/L	96
51) Chlorobenzene	8.93	112	263922	4.94	ug/L	99
52) Ethylbenzene	9.06	91	417810	4.99	ug/L	99
53) m,p-xylene	9.19	106	156577	5.02	ug/L	99
54) o-xylene	9.59	106	148475	5.02	ug/L	99
55) Styrene	9.61	104	257392	5.17	ug/L	98
56) Isopropylbenzene	9.98	105	393032	5.07	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	88760	4.70	ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	63476	4.75	ug/L	100
61) Bromoform	9.78	173	42084	4.83	ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	185657	4.98	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	188762	4.94	ug/L	97
65) 1,2-Dichlorobenzene	11.70	146	182369	4.98	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	11952	4.59	ug/L	95
67) 1,3,5-Trichlorobenzene	12.70	180	146747	5.20	ug/L	99
68) 1,2,4-trichlorobenzene	13.32	180	103574	5.01	ug/L	100
69) Naphthalene	13.56	128	132194	4.45	ug/L	100
70) 1,2,3-Trichlorobenzene	13.80	180	98786	4.95	ug/L	99

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

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