

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV041319\
 Data File : VV010331.D
 Acq On : 13 Apr 2019 21:18
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00543

Quant Time: Apr 14 01:15:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR041319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Apr 13 14:26:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	144771	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	146729	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	76674	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	32408	4.20	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.00%
7) Chloroethane-d5	1.58	69	43832	5.18	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.60%
11) 1,1-Dichloroethene-d2	2.14	63	99057	4.61	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.20%
20) 2-Butanone-d5	3.96	46	107847	54.87	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.74%
24) Chloroform-d	4.40	84	84833	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.20%
26) 1,2-Dichloroethane-d4	5.09	65	45142	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.60%
32) Benzene-d6	5.10	84	152500	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.60%
36) 1,2-Dichloropropane-d6	6.12	67	46751	4.37	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.40%
41) Toluene-d8	7.36	98	145663	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.80%
43) trans-1,3-Dichloropropene-	7.67	79	17232	5.04	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.80%
46) 2-Hexanone-d5	8.14	63	84259	54.44	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.88%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	41062	5.00	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	62553	4.52	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.40%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	70831	4.888 ug/L	94
3) Chloromethane	1.25	50	61961	5.087 ug/L	99
5) Vinyl chloride	1.32	62	64392	4.884 ug/L	97
6) Bromomethane	1.54	94	51851	5.237 ug/L	97
8) Chloroethane	1.60	64	47962	5.344 ug/L	98
9) Trichlorofluoromethane	1.77	101	130470	4.904 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	67338	4.799 ug/L	94
12) 1,1-Dichloroethene	2.14	96	59331	5.025 ug/L	92
13) Acetone	2.21	43	96100	58.082 ug/L #	57
14) Carbon disulfide	2.32	76	156101	4.962 ug/L	98
15) Methyl Acetate	2.47	43	23153	5.897 ug/L	97
16) Methylene chloride	2.54	84	63226	4.839 ug/L	98
17) Methyl tert-butyl Ether	2.81	73	150675	5.335 ug/L	98
18) trans-1,2-Dichloroethene	2.79	96	64366	4.955 ug/L	92
19) 1,1-Dichloroethane	3.23	63	118497	5.249 ug/L	99
21) 2-Butanone	4.05	43	111553	55.744 ug/L	98
22) cis-1,2-Dichloroethene	3.96	96	54573	5.060 ug/L	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	25645	5.242	ug/L	90
25) Chloroform	4.43	83	102296	5.064	ug/L	96
27) 1,2-Dichloroethane	5.19	62	58839	5.273	ug/L	96
29) 1,1,1-Trichloroethane	4.66	97	88219	4.998	ug/L	98
30) Cyclohexane	4.72	56	68510	4.620	ug/L	95
31) Carbon tetrachloride	4.87	117	81342	4.916	ug/L	98
33) Benzene	5.15	78	202111	4.911	ug/L	100
34) Trichloroethene	5.96	95	56891	4.786	ug/L	99
35) Methylcyclohexane	6.17	83	78569	4.512	ug/L	98
37) 1,2-Dichloropropane	6.22	63	48842	5.158	ug/L	99
38) Bromodichloromethane	6.56	83	66683	5.269	ug/L	95
39) cis-1,3-Dichloropropene	7.07	75	61548	4.656	ug/L	92
40) 4-Methyl-2-pentanone	7.28	43	284941	55.320	ug/L	96
42) Toluene	7.43	91	229731	4.992	ug/L	97
44) trans-1,3-Dichloropropene	7.69	75	51658	5.075	ug/L	97
45) 1,1,2-Trichloroethane	7.88	97	37251	4.954	ug/L	95
47) Tetrachloroethene	8.02	164	51625	4.918	ug/L	91
48) 2-Hexanone	8.19	43	200061	57.909	ug/L	99
49) Dibromochloromethane	8.29	129	47343	5.273	ug/L	98
50) 1,2-Dibromoethane	8.40	107	35688	5.241	ug/L #	86
51) Chlorobenzene	8.93	112	151997	4.895	ug/L	97
52) Ethylbenzene	9.05	91	243051	4.922	ug/L	100
53) m,p-xylene	9.18	106	98171	5.055	ug/L	95
54) o-xylene	9.59	106	92645	4.966	ug/L	91
55) Styrene	9.60	104	159028	5.241	ug/L	99
56) Isopropylbenzene	9.98	105	249764	5.058	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.29	83	44124	5.450	ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	30623	5.329	ug/L	100
61) Bromoform	9.78	173	24150	4.996	ug/L #	96
62) 1,3-Dichlorobenzene	11.23	146	120731	4.743	ug/L	97
63) 1,4-Dichlorobenzene	11.32	146	125742	4.873	ug/L	98
65) 1,2-Dichlorobenzene	11.69	146	119572	4.991	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.48	75	5591	4.998	ug/L #	79
67) 1,3,5-Trichlorobenzene	12.69	180	93699	4.794	ug/L	97
68) 1,2,4-trichlorobenzene	13.31	180	68019	4.903	ug/L	96
69) Naphthalene	13.56	128	82400	5.134	ug/L	98
70) 1,2,3-Trichlorobenzene	13.79	180	68294	5.394	ug/L	96

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

