

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081519\
 Data File : VV012260.D
 Acq On : 15 Aug 2019 20:50
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00542

Quant Time: Aug 16 04:25:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR081319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Aug 16 04:21:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	157303	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	148317	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	80335	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	39362	4.06	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.20%
7) Chloroethane-d5	1.58	69	26319	3.55	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	71.00%
11) 1,1-Dichloroethene-d2	2.13	63	64526	4.07	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.40%
20) 2-Butanone-d5	3.97	46	99630	47.60	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.20%
24) Chloroform-d	4.40	84	89313	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.00%
26) 1,2-Dichloroethane-d4	5.08	65	45554	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.40%
32) Benzene-d6	5.09	84	164914	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.80%
36) 1,2-Dichloropropane-d6	6.12	67	45337	4.10	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.00%
41) Toluene-d8	7.36	98	161133	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.00%
43) trans-1,3-Dichloropropene-	7.66	79	20297	4.80	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.00%
46) 2-Hexanone-d5	8.14	63	72509	53.40	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.80%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	36867	4.78	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	64499	4.74	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.80%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	96891	6.418	ug/L 100
3) Chloromethane	1.25	50	57205	4.184	ug/L 100
5) Vinyl chloride	1.32	62	61650	4.388	ug/L 98
6) Bromomethane	1.53	94	16152	2.034	ug/L 98
8) Chloroethane	1.60	64	28018	3.457	ug/L 99
9) Trichlorofluoromethane	1.77	101	89656	5.073	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	37290	4.173	ug/L 95
12) 1,1-Dichloroethene	2.14	96	33665	4.068	ug/L 91
13) Acetone	2.24	43	56427	43.259	ug/L 91
14) Carbon disulfide	2.32	76	94773	3.911	ug/L 99
15) Methyl Acetate	2.47	43	11427	3.470	ug/L 98
16) Methylene chloride	2.53	84	33637	3.770	ug/L 90
17) Methyl tert-butyl Ether	2.81	73	118783	5.211	ug/L 96
18) trans-1,2-Dichloroethene	2.78	96	50416	4.567	ug/L 97
19) 1,1-Dichloroethane	3.23	63	86472	4.278	ug/L 98
21) 2-Butanone	4.05	43	112324	42.115	ug/L 95
22) cis-1,2-Dichloroethene	3.96	96	53292	4.371	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	24958	4.803	ug/L	86
25) Chloroform	4.42	83	99745	4.345	ug/L	96
27) 1,2-Dichloroethane	5.18	62	62017	4.919	ug/L	100
29) 1,1,1-Trichloroethane	4.66	97	91375	5.037	ug/L	98
30) Cyclohexane	4.72	56	72762	4.028	ug/L	92
31) Carbon tetrachloride	4.87	117	87565	5.335	ug/L	98
33) Benzene	5.14	78	196963	4.402	ug/L	100
34) Trichloroethene	5.96	95	55849	4.608	ug/L	96
35) Methylcyclohexane	6.17	83	83224	4.420	ug/L	93
37) 1,2-Dichloropropane	6.22	63	46133	4.133	ug/L #	97
38) Bromodichloromethane	6.55	83	68874	4.789	ug/L	99
39) cis-1,3-Dichloropropene	7.07	75	71440	4.647	ug/L	98
40) 4-Methyl-2-pentanone	7.28	43	282794	46.081	ug/L	96
42) Toluene	7.43	91	218109	4.582	ug/L	98
44) trans-1,3-Dichloropropene	7.69	75	59430	4.913	ug/L	97
45) 1,1,2-Trichloroethane	7.88	97	35860	4.816	ug/L	98
47) Tetrachloroethene	8.02	164	50245	5.030	ug/L	95
48) 2-Hexanone	8.19	43	203904	47.140	ug/L #	96
49) Dibromochloromethane	8.29	129	49280	5.332	ug/L	95
50) 1,2-Dibromoethane	8.40	107	34997	4.866	ug/L	98
51) Chlorobenzene	8.92	112	145867	4.733	ug/L	97
52) Ethylbenzene	9.05	91	241206	4.755	ug/L	100
53) m,p-xylene	9.18	106	92527	4.750	ug/L	100
54) o-xylene	9.59	106	92506	5.018	ug/L	95
55) Styrene	9.60	104	157461	5.111	ug/L	99
56) Isopropylbenzene	9.97	105	245319	4.976	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	40838	4.728	ug/L	98
59) 1,2,3-Trichloropropane	10.32	75	30117	4.756	ug/L	97
61) Bromoform	9.77	173	27506	5.311	ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	123354	4.613	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	121904	4.574	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	114202	4.655	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.48	75	7522	4.815	ug/L	90
67) 1,3,5-Trichlorobenzene	12.69	180	96828	4.795	ug/L	98
68) 1,2,4-trichlorobenzene	13.31	180	77227	5.145	ug/L	99
69) Naphthalene	13.55	128	135593	6.249	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	74415	5.250	ug/L	98

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

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