

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101719\
 Data File : VV013195.D
 Acq On : 18 Oct 2019 02:59
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.00ML/MSVOA V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00545

Quant Time: Oct 18 03:43:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR101719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Oct 18 03:32:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	484146	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	528927	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	309215	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	254232	4.96	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.20%
7) Chloroethane-d5	1.58	69	193063	4.99	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.80%
11) 1,1-Dichloroethene-d2	2.13	63	367076	4.97	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	99.40%
20) 2-Butanone-d5	3.96	46	462565	45.89	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.78%
24) Chloroform-d	4.40	84	442745	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.20%
26) 1,2-Dichloroethane-d4	5.08	65	215880	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.80%
32) Benzene-d6	5.10	84	880700	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.20%
36) 1,2-Dichloropropane-d6	6.12	67	269446	4.81	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.20%
41) Toluene-d8	7.36	98	829008	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.40%
43) trans-1,3-Dichloropropene-	7.66	79	95682	4.72	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.40%
46) 2-Hexanone-d5	8.13	63	448752	53.68	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.36%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	212544	5.00	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	298926	4.75	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.00%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	295256	4.808	ug/L 98
3) Chloromethane	1.25	50	314447	4.882	ug/L 100
5) Vinyl chloride	1.32	62	299741	4.801	ug/L 99
6) Bromomethane	1.54	94	175185	4.764	ug/L 100
8) Chloroethane	1.60	64	163411	4.977	ug/L 98
9) Trichlorofluoromethane	1.77	101	370163	4.757	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	204384	4.863	ug/L 99
12) 1,1-Dichloroethene	2.14	96	196374	4.939	ug/L 95
13) Acetone	2.22	43	251013	38.194	ug/L 98
14) Carbon disulfide	2.32	76	684964	4.781	ug/L 98
15) Methyl Acetate	2.47	43	67441	4.288	ug/L 94
16) Methylene chloride	2.54	84	250484	4.073	ug/L 99
17) Methyl tert-butyl Ether	2.81	73	508679	5.288	ug/L 100
18) trans-1,2-Dichloroethene	2.79	96	243231	4.788	ug/L 98
19) 1,1-Dichloroethane	3.23	63	443872	4.838	ug/L 98
21) 2-Butanone	4.04	43	479370	46.143	ug/L 84
22) cis-1,2-Dichloroethene	3.96	96	254444	4.883	ug/L 96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	112906	5.010	ug/L	99
25) Chloroform	4.43	83	463522	4.761	ug/L	98
27) 1,2-Dichloroethane	5.18	62	262171	4.926	ug/L	98
29) 1,1,1-Trichloroethane	4.66	97	371465	4.710	ug/L	99
30) Cyclohexane	4.72	56	395188	4.653	ug/L	99
31) Carbon tetrachloride	4.87	117	331968	4.663	ug/L	99
33) Benzene	5.15	78	1003676	4.771	ug/L	100
34) Trichloroethene	5.96	95	257960	4.764	ug/L	99
35) Methylcyclohexane	6.17	83	385847	4.463	ug/L	98
37) 1,2-Dichloropropane	6.22	63	245120	4.785	ug/L	99
38) Bromodichloromethane	6.55	83	310275	4.759	ug/L	99
39) cis-1,3-Dichloropropene	7.07	75	325063	4.631	ug/L	98
40) 4-Methyl-2-pentanone	7.27	43	1499787	52.858	ug/L	99
42) Toluene	7.43	91	1086843	4.965	ug/L	100
44) trans-1,3-Dichloropropene	7.69	75	253500	4.746	ug/L	99
45) 1,1,2-Trichloroethane	7.88	97	173722	4.890	ug/L	97
47) Tetrachloroethene	8.02	164	220477	4.573	ug/L	97
48) 2-Hexanone	8.18	43	1173043	56.914	ug/L	99
49) Dibromochloromethane	8.29	129	211598	4.945	ug/L	97
50) 1,2-Dibromoethane	8.40	107	160661	4.886	ug/L	100
51) Chlorobenzene	8.92	112	676443	4.827	ug/L	97
52) Ethylbenzene	9.05	91	1109693	4.770	ug/L	99
53) m,p-xylene	9.18	106	430117	4.897	ug/L	100
54) o-xylene	9.59	106	415231	4.887	ug/L	99
55) Styrene	9.60	104	705267	5.009	ug/L	98
56) Isopropylbenzene	9.97	105	1079423	4.837	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.28	83	200909	4.601	ug/L	98
59) 1,2,3-Trichloropropane	10.32	75	156669	5.149	ug/L	99
61) Bromoform	9.77	173	120196	4.850	ug/L	99
62) 1,3-Dichlorobenzene	11.22	146	529499	4.670	ug/L	100
63) 1,4-Dichlorobenzene	11.32	146	519755	4.631	ug/L	98
65) 1,2-Dichlorobenzene	11.68	146	494857	4.694	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.47	75	30706	4.437	ug/L	95
67) 1,3,5-Trichlorobenzene	12.69	180	339488	4.244	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	285717	4.167	ug/L	98
69) Naphthalene	13.55	128	441093	4.410	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	292580	4.474	ug/L	99

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

