

Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV062419\
 Data File : VV011742.D
 Acq On : 24 Jun 2019 20:34
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00548

Quant Time: Jun 25 08:23:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR062119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jun 25 08:19:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	180549	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	171091	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	80152	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	49533	4.13	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.60%
7) Chloroethane-d5	1.58	69	36561	4.34	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.80%
11) 1,1-Dichloroethene-d2	2.12	63	105050	4.31	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.20%
20) 2-Butanone-d5	3.95	46	174203	55.19	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.38%
24) Chloroform-d	4.40	84	112069	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.60%
26) 1,2-Dichloroethane-d4	5.08	65	65005	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.00%
32) Benzene-d6	5.09	84	223017	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.40%
36) 1,2-Dichloropropane-d6	6.12	67	68449	4.66	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.20%
41) Toluene-d8	7.36	98	204819	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.80%
43) trans-1,3-Dichloropropene-	7.66	79	23856	4.65	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.00%
46) 2-Hexanone-d5	8.13	63	135331	56.15	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.30%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	53218	5.21	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	71684	4.74	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.80%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	80337	4.278	ug/L 97
3) Chloromethane	1.25	50	82270	4.828	ug/L 100
5) Vinyl chloride	1.32	62	75309	4.511	ug/L 97
6) Bromomethane	1.53	94	35984	4.945	ug/L 99
8) Chloroethane	1.59	64	36955	4.236	ug/L 96
9) Trichlorofluoromethane	1.76	101	99133	4.589	ug/L 97
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	54482	4.451	ug/L 97
12) 1,1-Dichloroethene	2.13	96	50466	4.517	ug/L 98
13) Acetone	2.20	43	107508	47.147	ug/L 99
14) Carbon disulfide	2.31	76	124170	4.129	ug/L 99
15) Methyl Acetate	2.46	43	27873	4.909	ug/L 98
16) Methylene chloride	2.53	84	54898	4.409	ug/L 98
17) Methyl tert-butyl Ether	2.81	73	147091	4.813	ug/L 99
18) trans-1,2-Dichloroethene	2.78	96	60294	4.590	ug/L 97
19) 1,1-Dichloroethane	3.22	63	121001	4.634	ug/L 98
21) 2-Butanone	4.03	43	188402	51.282	ug/L 97
22) cis-1,2-Dichloroethene	3.96	96	65174	4.515	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	25472	4.683	ug/L	98
25) Chloroform	4.42	83	125310	4.371	ug/L	98
27) 1,2-Dichloroethane	5.18	62	82543	4.751	ug/L	97
29) 1,1,1-Trichloroethane	4.65	97	99526	4.518	ug/L	99
30) Cyclohexane	4.72	56	107794	4.284	ug/L	97
31) Carbon tetrachloride	4.87	117	80869	4.343	ug/L	100
33) Benzene	5.14	78	259302	4.572	ug/L	100
34) Trichloroethene	5.96	95	65302	4.341	ug/L	98
35) Methylcyclohexane	6.17	83	105304	4.337	ug/L	98
37) 1,2-Dichloropropane	6.22	63	64652	4.489	ug/L	99
38) Bromodichloromethane	6.55	83	73496	4.475	ug/L	99
39) cis-1,3-Dichloropropene	7.07	75	86247	4.563	ug/L	98
40) 4-Methyl-2-pentanone	7.28	43	463819	51.345	ug/L	100
42) Toluene	7.43	91	273346	4.612	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	67457	4.819	ug/L	96
45) 1,1,2-Trichloroethane	7.88	97	43712	4.782	ug/L	99
47) Tetrachloroethene	8.02	164	49358	4.406	ug/L	97
48) 2-Hexanone	8.19	43	332257	52.311	ug/L	99
49) Dibromochloromethane	8.29	129	45028	4.901	ug/L	98
50) 1,2-Dibromoethane	8.40	107	40804	4.889	ug/L	100
51) Chlorobenzene	8.92	112	166016	4.518	ug/L	99
52) Ethylbenzene	9.05	91	297408	4.547	ug/L	99
53) m,p-xylene	9.18	106	109740	4.568	ug/L	100
54) o-xylene	9.59	106	108594	4.624	ug/L	99
55) Styrene	9.60	104	180526	4.823	ug/L	100
56) Isopropylbenzene	9.97	105	288394	4.583	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	55580	5.114	ug/L	97
59) 1,2,3-Trichloropropane	10.32	75	40429	4.831	ug/L	99
61) Bromoform	9.77	173	20528	4.560	ug/L	96
62) 1,3-Dichlorobenzene	11.22	146	122942	4.547	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	121313	4.344	ug/L	98
65) 1,2-Dichlorobenzene	11.69	146	119739	4.650	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	7626	5.171	ug/L	94
67) 1,3,5-Trichlorobenzene	12.69	180	89572	4.455	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	73089	4.691	ug/L	99
69) Naphthalene	13.55	128	135544	5.321	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	71413	4.931	ug/L	99

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

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