Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV090419\
Data File : VV012578.D
Acq On : 04 Sep 2019 20:10
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00542

Quant Time: Sep 05 01:33:03 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Sep 05 01:26:42 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	150332	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	151181	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	72168	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	54429	3.73	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 74.60%			
7) Chloroethane-d5	1.58	69	58810	4.07	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 81.40%			
11) 1,1-Dichloroethene-d2	2.13	63	160761	4.51	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 90.20%			
20) 2-Butanone-d5	3.96	46	157210	56.51	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 113.02%			
24) Chloroform-d	4.40	84	101957	4.54	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.80%			
26) 1,2-Dichloroethane-d4	5.08	65	55864	4.80	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.00%			
32) Benzene-d6	5.10	84	178766	4.20	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 84.00%			
36) 1,2-Dichloropropane-d6	6.12	67	59056	4.41	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 88.20%			
41) Toluene-d8	7.36	98	166437	4.32	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 86.40%			
43) trans-1,3-Dichloropropene-	7.66	79	20667	4.23	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 84.60%			
46) 2-Hexanone-d5	8.14	63	105280	57.50	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 115.00%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	46821	4.95	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 99.00%			
64) 1,2-Dichlorobenzene-d4	11.67	152	55399	4.18	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 83.60%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	89267	4.637	ug/L	99
3) Chloromethane	1.25	50	117037	5.134	ug/L	96
5) Vinyl chloride	1.32	62	125914	5.091	ug/L	99
6) Bromomethane	1.54	94	72844	4.953	ug/L	100
8) Chloroethane	1.60	64	84730	4.997	ug/L	98
9) Trichlorofluoromethane	1.77	101	198049	5.223	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	108982	5.151	ug/L	99
12) 1,1-Dichloroethene	2.14	96	103345	5.314	ug/L	95
13) Acetone	2.23	43	221513	56.107	ug/L	99
14) Carbon disulfide	2.32	76	299182	4.785	ug/L	99
15) Methyl Acetate	2.47	43	61449	6.422	ug/L	99
16) Methylene chloride	2.53	84	120695	5.394	ug/L	97
17) Methyl tert-butyl Ether	2.81	73	167433	5.069	ug/L	100
18) trans-1,2-Dichloroethene	2.79	96	72646	4.672	ug/L	96
19) 1,1-Dichloroethane	3.23	63	144901	4.842	ug/L	100
21) 2-Butanone	4.05	43	217856	57.672	ug/L	98
22) cis-1,2-Dichloroethene	3.96	96	72964	4.541	ug/L	96

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Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Sep 05 01:26:42 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
23) Bromochloromethane	4.30	128	32025	4.990	ug/L		97
25) Chloroform	4.43	83	148778	4.744	ug/L		98
27) 1,2-Dichloroethane	5.18	62	97631	5.347	ug/L		99
29) 1,1,1-Trichloroethane	4.66	97	116421	4.647	ug/L		99
30) Cyclohexane	4.72	56	115672	4.475	ug/L		99
31) Carbon tetrachloride	4.87	117	101384	4.655	ug/L		99
33) Benzene	5.14	78	307293	4.950	ug/L		100
34) Trichloroethene	5.96	95	76968	4.475	ug/L		98
35) Methylcyclohexane	6.18	83	113616	4.346	ug/L		97
37) 1,2-Dichloropropane	6.22	63	78657	4.736	ug/L		100
38) Bromodichloromethane	6.55	83	103428	4.925	ug/L		98
39) cis-1,3-Dichloropropene	7.07	75	99062	4.586	ug/L		99
40) 4-Methyl-2-pentanone	7.28	43	561465	58.181	ug/L		100
42) Toluene	7.43	91	329314	4.881	ug/L		98
44) trans-1,3-Dichloropropene	7.69	75	81864	4.782	ug/L		99
45) 1,1,2-Trichloroethane	7.88	97	55139	5.250	ug/L		93
47) Tetrachloroethene	8.02	164	55636	4.477	ug/L		94
48) 2-Hexanone	8.19	43	409422	60.538	ug/L		97
49) Dibromochloromethane	8.29	129	61389	5.021	ug/L		99
50) 1,2-Dibromoethane	8.40	107	47082	5.024	ug/L		97
51) Chlorobenzene	8.92	112	194190	4.581	ug/L		98
52) Ethylbenzene	9.05	91	341286	4.637	ug/L		97
53) m,p-xylene	9.18	106	126894	4.753	ug/L		100
54) o-xylene	9.59	106	119822	4.757	ug/L		97
55) Styrene	9.60	104	213306	4.977	ug/L		99
56) Isopropylbenzene	9.97	105	319967	4.590	ug/L		99
58) 1,1,2,2-Tetrachloroethane	10.28	83	62372	5.278	ug/L		98
59) 1,2,3-Trichloropropane	10.32	75	47882	5.172	ug/L		96
61) Bromoform	9.77	173	28598	4.876	ug/L		97
62) 1,3-Dichlorobenzene	11.23	146	144240	4.629	ug/L		97
63) 1,4-Dichlorobenzene	11.32	146	143448	4.473	ug/L		100
65) 1,2-Dichlorobenzene	11.69	146	134940	4.726	ug/L		99
66) 1,2-Dibromo-3-chloropropan	12.47	75	9410	4.889	ug/L	#	90
67) 1,3,5-Trichlorobenzene	12.69	180	95902	4.165	ug/L		99
68) 1,2,4-trichlorobenzene	13.31	180	69995	4.220	ug/L		99
69) Naphthalene	13.55	128	110671	4.500	ug/L		99
70) 1,2,3-Trichlorobenzene	13.79	180	70520	4.697	ug/L		96

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

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