Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN122419\
Data File : BN009131.D
Acq On : 24 Dec 2019 18:34
Operator : JU
Sample : SSTD16056
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD16056

Quant Time: Dec 24 19:05:07 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN122419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 24 17:18:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	242602	20.00	ng/ul	0.00
18) Naphthalene-d8	10.29	136	1106824	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.16	164	776085	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.92	188	1746668	20.00	ng/ul	0.00
77) Chrysene-d12	21.13	240	1557376	20.00	ng/ul	0.01
85) Perylene-d12	23.26	264	1832889	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.13	96	323619	58.34	ng/uL	0.00
5) Phenol-d5	6.73	99	3822679	153.59	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	6.89	67	2306709	150.26	ng/ul	0.01
9) 2-Chlorophenol-d4	7.08	132	2797924	161.17	ng/ul	0.00
13) 4-Methylphenol-d8	8.26	113	3025058	153.47	ng/ul	0.02
19) Nitrobenzene-d5	8.68	128	1410061	165.11	ng/ul	0.02
22) 2-Nitrophenol-d4	9.39	143	1644536	178.32	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	9.93	165	2941073	160.13	ng/ul	0.02
29) 4-Chloroaniline-d4	10.43	131	2968033	127.14	ng/ul	0.01
43) Dimethylphthalate-d6	13.60	166	8869425	143.45	ng/ul	0.02
46) Acenaphthylene-d8	13.86	160	10512409	153.90	ng/ul	0.01
51) 4-Nitrophenol-d4	14.42	143	1919418	153.09	ng/ul	0.04
57) Fluorene-d10	15.17	176	7449281	142.59	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	15.32	200	1855295	183.84	ng/ul	0.04
70) Anthracene-d10	17.02	188	11567404	139.89	ng/ul	0.02
78) Pyrene-d10	19.32	212	12867366	148.10	ng/ul	0.01
89) Benzo(a)pyrene-d12	23.14	264	14473111	151.32	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.16	88	338208	55.756	ng/uL	91
4) Benzaldehyde	6.69	77	1604390	121.591	ng/ul	98
6) Phenol	6.76	94	3894122	150.824	ng/ul	99
8) Bis(2-Chloroethyl)ether	6.98	93	2891778	151.916	ng/ul	97
10) 2-Chlorophenol	7.11	128	2773629	155.820	ng/ul	97
11) 2-Methylphenol	7.98	108	2936686	153.118	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.07	45	5835139	157.775	ng/ul	98
14) Acetophenone	8.36	105	4371269	141.094	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.38	70	2421923	145.367	ng/ul	95
16) 4-Methylphenol	8.33	108	3140530	146.315	ng/ul	94
17) Hexachloroethane	8.59	117	1122666	162.748	ng/ul	96
20) Nitrobenzene	8.72	77	3620666	162.208	ng/ul	98
21) Isophorone	9.26	82	7044729	156.017	ng/ul	97
23) 2-Nitrophenol	9.42	139	1700754	170.691	ng/ul	96
24) 2,4-Dimethylphenol	9.50	107	3469260	153.636	ng/ul	100
25) Bis(2-Chloroethoxy)methane	9.73	93	4175672	152.325	ng/ul	99
27) 2,4-Dichlorophenol	9.96	162	2820765	156.569	ng/ul	97
28) Naphthalene	10.34	128	8966512	150.478	ng/ul	99
30) 4-Chloroaniline	10.46	127	2938987	124.144	ng/ul	99
31) Hexachlorobutadiene	10.63	225	1685256	167.717	ng/ul	98
32) Caprolactam	11.30	113	643373	85.221	ng/ul	98
33) 4-Chloro-3-methylphenol	11.61	107	3519719	153.297	ng/ul	99
34) 2-Methylnaphthalene	11.96	142	6522013	144.867	ng/ul	91

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.34	216	3266326	154.646 ng/ul	98
37) Hexachlorocyclopentadiene	12.32	237	2345085	200.234 ng/ul	97
38) 2,4,6-Trichlorophenol	12.59	196	2415312	166.442 ng/ul	96
39) 2,4,5-Trichlorophenol	12.67	196	2592921	161.897 ng/ul	93
40) 1,1'-Biphenyl	13.00	154	8460515	145.874 ng/ul	98
41) 2-Chloronaphthalene	13.03	162	6723715	151.361 ng/ul	97
42) 2-Nitroaniline	13.25	65	2858705	172.724 ng/ul	95
44) Dimethylphthalate	13.65	163	8777781	145.387 ng/ul	99
45) 2,6-Dinitrotoluene	13.76	165	2057502	176.881 ng/ul	94
47) Acenaphthylene	13.89	152	10683690	151.691 ng/ul	98
48) 3-Nitroaniline	14.09	138	1705079	134.141 ng/ul	95
49) Acenaphthene	14.23	153	7309216	148.274 ng/ul	99
50) 2,4-Dinitrophenol	14.30	184	1403993	195.040 ng/ul	99
52) 4-Nitrophenol	14.43	109	1474407	152.228 ng/ul	97
53) Dibenzofuran	14.57	168	9811737	136.371 ng/ul	98
54) 2,4-Dinitrotoluene	14.56	165	2883551	163.105 ng/ul	98
55) 2,3,4,6-Tetrachlorophenol	14.81	232	2327506	163.555 ng/ul	93
56) Diethylphthalate	15.03	149	9206015	149.650 ng/ul	96
58) Fluorene	15.23	166	7963339	137.405 ng/ul	94
59) 4-Chlorophenyl-phenylether	15.23	204	4028379	143.183 ng/ul	96
60) 4-Nitroaniline	15.27	138	2004273	131.295 ng/ul	93
63) 4,6-Dinitro-2-methylphenol	15.33	198	1869265	172.285 ng/ul#	98
64) N-Nitrosodiphenylamine	15.45	169	7408031	144.221 ng/ul	100
65) 4-Bromophenyl-phenylether	16.12	248	2706386	156.117 ng/ul	98
66) Hexachlorobenzene	16.23	284	3003786	161.743 ng/ul	96
67) Atrazine	16.42	200	2918219	157.919 ng/ul	99
68) Pentachlorophenol	16.57	266	2092157	171.093 ng/ul	91
69) Phenanthrene	16.96	178	13336284	139.084 ng/ul#	93
71) Anthracene	17.06	178	13010176	133.467 ng/ul	93
72) 1,2,3,4-Tetrachlorobenzene	12.96	216	3464905	163.727 ng/uL	96
73) Pentachlorobenzene	14.50	250	3329413	152.493 ng/uL	96
74) Carbazole	17.33	167	12507580	144.708 ng/ul	99
75) Di-n-butylphthalate	17.90	149	13998916	134.628 ng/ul	98
76) Fluoranthene	18.98	202	14757944	140.729 ng/ul#	91
79) Pyrene	19.35	202	14241944	130.554 ng/ul#	86
80) Butylbenzylphthalate	20.27	149	7793539	169.548 ng/ul	98
81) 3,3'-Dichlorobenzidine	21.05	252	4832547	128.316 ng/ul	95
82) Benzo(a)anthracene	21.11	228	14635625	133.993 ng/ul#	83
83) Bis(2-ethylhexyl)phthalate	21.06	149	10533144	153.614 ng/ul#	93
84) Chrysene	21.16	228	13399638	131.176 ng/ul	91
86) Di-n-octyl phthalate	21.92	149	14674345	140.172 ng/ul	100
87) Benzo(b)fluoranthene	22.64	252	18244444	160.295 ng/ul	97
88) Benzo(k)fluoranthene	22.64	252	18244444	169.800 ng/ul	97
90) Benzo(a)pyrene	23.20	252	15271706	140.288 ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.40	276	10841961	85.562 ng/ul	99
92) Dibenzo(a,h)anthracene	25.42	278	15255679	142.764 ng/ul	99
93) Benzo(g,h,i)perylene	26.06	276	14857856	138.057 ng/ul	99

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

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