Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122419\
Data File : BN009127.D
Acq On : 24 Dec 2019 16:10
Operator : JU
Sample : SSTD01052
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD01052

Manual Integrations APPROVED
mohammad
12/26/2019 4:04:13 PM

Quant Time: Dec 24 17:23:45 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	225086	20.00	ng/ul	0.00
18) Naphthalene-d8	10.28	136	1036813	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.16	164	719047	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.90	188	1579985	20.00	ng/ul	0.00
77) Chrysene-d12	21.12	240	1604819	20.00	ng/ul	0.00
85) Perylene-d12	23.25	264	1778380	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.14	96	20752	4.03	ng/uL	0.00
5) Phenol-d5	6.72	99	197929	8.57	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.87	67	134361	9.43	ng/ul	0.00
9) 2-Chlorophenol-d4	7.07	132	151763	9.42	ng/ul	0.00
13) 4-Methylphenol-d8	8.23	113	163611	8.95	ng/ul	0.00
19) Nitrobenzene-d5	8.66	128	76424	9.55	ng/ul	0.00
22) 2-Nitrophenol-d4	9.38	143	82754	9.58	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.91	165	159624	9.28	ng/ul	0.00
29) 4-Chloroaniline-d4	10.42	131	188947	8.64	ng/ul	0.00
43) Dimethylphthalate-d6	13.58	166	536655	9.37	ng/ul	0.00
46) Acenaphthylene-d8	13.85	160	627694	9.92	ng/ul	0.00
51) 4-Nitrophenol-d4	14.37	143	96682	8.32	ng/ul	0.00
57) Fluorene-d10	15.16	176	464809	9.60	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.29	200	85799	9.40	ng/ul	0.00
70) Anthracene-d10	17.00	188	740698	9.90	ng/ul	0.00
78) Pyrene-d10	19.31	212	801800	8.96	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.12	264	890724	9.60	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.17	88	20872	3.709	ng/uL	91
4) Benzaldehyde	6.69	77	143543	11.725	ng/ul	98
6) Phenol	6.75	94	207514	8.663	ng/ul	97
8) Bis(2-Chloroethyl)ether	6.97	93	165952	9.397	ng/ul	97
10) 2-Chlorophenol	7.10	128	151757	9.189	ng/ul	95
11) 2-Methylphenol	7.97	108	156569	8.799	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.05	45	361978	10.549	ng/ul	99
14) Acetophenone	8.34	105	261111	9.084	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.33	70	144454	9.345	ng/ul	99
16) 4-Methylphenol	8.30	108	172221	8.648	ng/ul	95
17) Hexachloroethane	8.59	117	64754	10.118	ng/ul	99
20) Nitrobenzene	8.70	77	207211	9.910	ng/ul	99
21) Isophorone	9.23	82	398065	9.411	ng/ul	99
23) 2-Nitrophenol	9.41	139	92639	9.925	ng/ul	93
24) 2,4-Dimethylphenol	9.48	107	196455	9.287	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.72	93	248381	9.673	ng/ul	99
27) 2,4-Dichlorophenol	9.94	162	157918	9.357	ng/ul	99
28) Naphthalene	10.33	128	556903	9.977	ng/ul	99
30) 4-Chloroaniline	10.45	127	194007	8.748	ng/ul	99
31) Hexachlorobutadiene	10.63	225	101516	10.785	ng/ul	97
32) Caprolactam	11.22	113	57926m	8.191	ng/ul	
33) 4-Chloro-3-methylphenol	11.58	107	192116	8.932	ng/ul	98
34) 2-Methylnaphthalene	11.95	142	397634	9.429	ng/ul	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.33	216	201247	10.284	ng/ul#	97
37) Hexachlorocyclopentadiene	12.32	237	105385	9.712	ng/ul	98
38) 2,4,6-Trichlorophenol	12.58	196	129596	9.639	ng/ul	96
39) 2,4,5-Trichlorophenol	12.65	196	140690	9.481	ng/ul	93
40) 1,1'-Biphenyl	12.99	154	536000	9.975	ng/ul	98
41) 2-Chloronaphthalene	13.02	162	416796	10.127	ng/ul	97
42) 2-Nitroaniline	13.23	65	145283	9.474	ng/ul	98
44) Dimethylphthalate	13.63	163	557389	9.964	ng/ul	99
45) 2,6-Dinitrotoluene	13.74	165	104114	9.661	ng/ul	97
47) Acenaphthylene	13.87	152	685523	10.505	ng/ul	99
48) 3-Nitroaniline	14.06	138	102564	8.709	ng/ul	98
49) Acenaphthene	14.22	153	448783	9.826	ng/ul	95
50) 2,4-Dinitrophenol	14.28	184	52154	7.820	ng/ul	99
52) 4-Nitrophenol	14.39	109	78597	8.759	ng/ul	99
53) Dibenzofuran	14.56	168	648523	9.729	ng/ul	97
54) 2,4-Dinitrotoluene	14.53	165	153657	9.381	ng/ul#	95
55) 2,3,4,6-Tetrachlorophenol	14.79	232	126987	9.631	ng/ul	94
56) Diethylphthalate	15.00	149	594841	10.437	ng/ul	100
58) Fluorene	15.21	166	539532	10.048	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.22	204	271657	10.422	ng/ul	99
60) 4-Nitroaniline	15.23	138	122672	8.673	ng/ul	94
63) 4,6-Dinitro-2-methylphenol	15.30	198	91985	9.372	ng/ul#	92
64) N-Nitrosodiphenylamine	15.43	169	458393	9.866	ng/ul	98
65) 4-Bromophenyl-phenylether	16.11	248	156885	10.005	ng/ul	94
66) Hexachlorobenzene	16.22	284	178590	10.631	ng/ul	98
67) Atrazine	16.39	200	166354	9.952	ng/ul	98
68) Pentachlorophenol	16.57	266	100301	9.068	ng/ul	90
69) Phenanthrene	16.95	178	882000	10.169	ng/ul	99
71) Anthracene	17.04	178	909545	10.315	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	12.95	216	206158	10.769	ng/uL	97
73) Pentachlorobenzene	14.49	250	205793	10.420	ng/uL	96
74) Carbazole	17.31	167	790577	10.112	ng/ul	97
75) Di-n-butylphthalate	17.90	149	1003164	10.665	ng/ul	99
76) Fluoranthene	18.97	202	1055311	11.125	ng/ul	99
79) Pyrene	19.34	202	1115016	9.919	ng/ul	98
80) Butylbenzylphthalate	20.27	149	461848	9.750	ng/ul	97
81) 3,3'-Dichlorobenzidine	21.04	252	354548	9.136	ng/ul	99
82) Benzo(a)anthracene	21.10	228	1084995	9.640	ng/ul	98
83) Bis(2-ethylhexyl)phthalate	21.06	149	715943	10.133	ng/ul	99
84) Chrysene	21.15	228	1039763	9.878	ng/ul	98
86) Di-n-octyl phthalate	21.92	149	1231441	12.123	ng/ul	100
87) Benzo(b)fluoranthene	22.62	252	1064870	9.643	ng/ul	98
88) Benzo(k)fluoranthene	22.66	252	1079827	10.358	ng/ul	99
90) Benzo(a)pyrene	23.16	252	988088	9.355	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.35	276	1197475	9.740	ng/ul	99
92) Dibenzo(a,h)anthracene	25.36	278	1014025	9.780	ng/ul	98
93) Benzo(g,h,i)perylene	25.99	276	1011010	9.682	ng/ul	98

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

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