Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122618\
Data File : BN004196.D
Acq On : 26 Dec 2018 11:23
Operator : JU/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD02038

Manual Integrations APPROVED
Sohil
12/27/2018 5:43:02 PM

Quant Time: Dec 27 04:12:23 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 24 07:07:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	24444	20.00	ng/ul	0.00
18) Naphthalene-d8	10.62	136	116615	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.46	164	73253	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.21	188	174623	20.00	ng/ul	0.00
77) Chrysene-d12	21.40	240	204964	20.00	ng/ul	0.00
85) Perylene-d12	23.73	264	229100	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.28	96	3713	9.94	ng/uL	0.00
5) Phenol-d5	6.99	99	44080	18.34	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.16	67	25102	19.19	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	37473	19.90	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	37564	18.65	ng/ul	0.00
19) Nitrobenzene-d5	8.99	128	19160	20.74	ng/ul	0.00
22) 2-Nitrophenol-d4	9.71	143	22301	21.31	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.24	165	40009	20.84	ng/ul	0.00
29) 4-Chloroaniline-d4	10.76	131	37754	21.02	ng/ul	0.00
43) Dimethylphthalate-d6	13.87	166	131598	20.13	ng/ul	0.00
46) Acenaphthylene-d8	14.16	160	158260	20.40	ng/ul	0.00
51) 4-Nitrophenol-d4	14.68	143	23444	17.34	ng/ul	0.00
57) Fluorene-d10	15.46	176	112332	19.87	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.59	200	24283	19.31	ng/ul	0.00
70) Anthracene-d10	17.31	188	177765	20.15	ng/ul	0.00
78) Pyrene-d10	19.61	212	196988	21.48	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.58	264	255153	20.53	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.32	88	3972	9.666	ng/uL#	86
4) Benzaldehyde	6.98	77	8105	19.732	ng/ul	96
6) Phenol	7.01	94	43929	18.110	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.25	93	33415	19.179	ng/ul	99
10) 2-Chlorophenol	7.39	128	36887	19.624	ng/ul	99
11) 2-Methylphenol	8.26	108	34844	18.572	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.35	45	47152m	19.685	ng/ul	
14) Acetophenone	8.65	105	57023	18.934	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.62	70	28603	19.233	ng/ul	100
16) 4-Methylphenol	8.59	108	38029	18.443	ng/ul	96
17) Hexachloroethane	8.89	117	13558	19.836	ng/ul	97
20) Nitrobenzene	9.03	77	40101	20.040	ng/ul	99
21) Isophorone	9.55	82	84123	20.241	ng/ul	99
23) 2-Nitrophenol	9.74	139	23221	21.103	ng/ul	98
24) 2,4-Dimethylphenol	9.79	107	43299	20.318	ng/ul	96
25) Bis(2-Chloroethoxy)methane	10.03	93	50860	20.449	ng/ul	99
27) 2,4-Dichlorophenol	10.27	162	38242	20.552	ng/ul	98
28) Naphthalene	10.67	128	124643	19.922	ng/ul	100
30) 4-Chloroaniline	10.79	127	38085	20.884	ng/ul	100
31) Hexachlorobutadiene	10.93	225	22664	20.937	ng/ul	99
32) Caprolactam	11.56	113	14670	19.644	ng/ul	99
33) 4-Chloro-3-methylphenol	11.91	107	43163	20.086	ng/ul	98
34) 2-Methylnaphthalene	12.28	142	94042	19.957	ng/ul	98

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Quant Time: Dec 27 04:12:23 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 24 07:07:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.65	216	46994	20.892 ng/ul	97
37) Hexachlorocyclopentadiene	12.61	237	26956	19.513 ng/ul	98
38) 2,4,6-Trichlorophenol	12.89	196	32185	21.252 ng/ul	100
39) 2,4,5-Trichlorophenol	12.97	196	35005	20.902 ng/ul	97
40) 1,1'-Biphenyl	13.29	154	121746	20.444 ng/ul	99
41) 2-Chloronaphthalene	13.34	162	93794	20.227 ng/ul	98
42) 2-Nitroaniline	13.56	65	27106	20.818 ng/ul	96
44) Dimethylphthalate	13.92	163	128817	20.180 ng/ul	100
45) 2,6-Dinitrotoluene	14.05	165	27471	21.202 ng/ul	98
47) Acenaphthylene	14.19	152	149911	20.284 ng/ul	99
48) 3-Nitroaniline	14.39	138	26788	20.333 ng/ul	96
49) Acenaphthene	14.53	153	106039	20.149 ng/ul	98
50) 2,4-Dinitrophenol	14.60	184	22964	27.344 ng/ul	100
52) 4-Nitrophenol	14.69	109	14963	17.528 ng/ul	97
53) Dibenzofuran	14.86	168	148146	19.831 ng/ul	99
54) 2,4-Dinitrotoluene	14.85	165	40517	20.098 ng/ul	97
55) 2,3,4,6-Tetrachlorophenol	15.09	232	31070	19.823 ng/ul#	98
56) Diethylphthalate	15.27	149	133119	20.396 ng/ul	99
58) Fluorene	15.51	166	123922	19.923 ng/ul	100
59) 4-Chlorophenyl-phenylether	15.50	204	61179	19.851 ng/ul	97
60) 4-Nitroaniline	15.55	138	29324	17.906 ng/ul	98
63) 4,6-Dinitro-2-methylphenol	15.61	198	24682	19.100 ng/ul	98
64) N-Nitrosodiphenylamine	15.72	169	109879	20.791 ng/ul	99
65) 4-Bromophenyl-phenylether	16.39	248	41640	21.211 ng/ul	98
66) Hexachlorobenzene	16.51	284	50374	20.510 ng/ul	98
67) Atrazine	16.66	200	40999	21.283 ng/ul	99
68) Pentachlorophenol	16.86	266	24750	17.651 ng/ul	98
69) Phenanthrene	17.25	178	199837	19.806 ng/ul	99
71) Anthracene	17.35	178	206203	19.938 ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.26	216	46455	21.243 ng/uL	100
73) Pentachlorobenzene	14.78	250	52596	21.049 ng/uL	99
74) Carbazole	17.62	167	189047	19.893 ng/ul	99
75) Di-n-butylphthalate	18.16	149	241354	21.548 ng/ul	100
76) Fluoranthene	19.27	202	243353	19.678 ng/ul	100
79) Pyrene	19.64	202	243988	21.308 ng/ul	98
80) Butylbenzylphthalate	20.52	149	116046	22.681 ng/ul	97
81) 3,3'-Dichlorobenzidine	21.32	252	100510	21.316 ng/ul	99
82) Benzo(a)anthracene	21.39	228	258234	20.204 ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.29	149	172782	22.107 ng/ul	100
84) Chrysene	21.44	228	242850	20.286 ng/ul	100
86) Di-n-octyl phthalate	22.19	149	294935	22.907 ng/ul#	87
87) Benzo(b)fluoranthene	23.02	252	272915	19.886 ng/ul	99
88) Benzo(k)fluoranthene	23.07	252	270474	21.048 ng/ul	99
90) Benzo(a)pyrene	23.63	252	268444	20.311 ng/ul	100
91) Indeno(1,2,3-cd)pyrene	26.10	276	342215	19.864 ng/ul	99
92) Dibenzo(a,h)anthracene	26.10	278	284690	19.879 ng/ul	99
93) Benzo(g,h,i)perylene	26.83	276	284385	19.722 ng/ul	99

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

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