Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122118\
Data File : BN004168.D
Acq On : 21 Dec 2018 19:53
Operator : JU/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD02036

Manual Integrations APPROVED
Sohil
12/26/2018 3:22:39 PM

Quant Time: Dec 22 04:58:18 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 22 04:16:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	24415	20.00	ng/ul	0.00
18) Naphthalene-d8	10.62	136	122281	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.46	164	79630	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.21	188	190134	20.00	ng/ul	0.00
77) Chrysene-d12	21.40	240	232068	20.00	ng/ul	0.00
85) Perylene-d12	23.72	264	236414	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.28	96	3673	9.85	ng/uL	0.00
5) Phenol-d5	6.99	99	45747	19.06	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.16	67	25977	19.88	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	38089	20.25	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	39562	19.67	ng/ul	0.00
19) Nitrobenzene-d5	8.99	128	19554	20.18	ng/ul	0.00
22) 2-Nitrophenol-d4	9.71	143	22690	20.68	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.24	165	41983	20.86	ng/ul	0.00
29) 4-Chloroaniline-d4	10.76	131	41508	22.04	ng/ul	0.00
43) Dimethylphthalate-d6	13.87	166	140700	19.79	ng/ul	0.00
46) Acenaphthylene-d8	14.16	160	171158	20.29	ng/ul	0.00
51) 4-Nitrophenol-d4	14.68	143	24707	16.81	ng/ul	0.00
57) Fluorene-d10	15.46	176	122106	19.87	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.59	200	25302	18.48	ng/ul	0.00
70) Anthracene-d10	17.31	188	195057	20.30	ng/ul	0.00
78) Pyrene-d10	19.60	212	220829	21.27	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.57	264	263568	20.55	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.32	88	4073	9.923	ng/uL#	85
4) Benzaldehyde	6.98	77	8192	19.968	ng/ul	95
6) Phenol	7.02	94	46274	19.099	ng/ul	100
8) Bis(2-Chloroethyl)ether	7.25	93	34537	19.847	ng/ul	99
10) 2-Chlorophenol	7.39	128	37262	19.847	ng/ul	98
11) 2-Methylphenol	8.26	108	36432	19.442	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.34	45	49429m	20.660	ng/ul	
14) Acetophenone	8.65	105	59611	19.817	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.62	70	29943	20.158	ng/ul	99
16) 4-Methylphenol	8.59	108	40585	19.706	ng/ul	97
17) Hexachloroethane	8.89	117	13692	20.056	ng/ul	98
20) Nitrobenzene	9.03	77	41855	19.947	ng/ul	99
21) Isophorone	9.55	82	88127	20.222	ng/ul	100
23) 2-Nitrophenol	9.74	139	24136	20.919	ng/ul	96
24) 2,4-Dimethylphenol	9.79	107	45851	20.519	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.03	93	53399	20.475	ng/ul	99
27) 2,4-Dichlorophenol	10.27	162	40413	20.712	ng/ul	98
28) Naphthalene	10.67	128	130814	19.939	ng/ul	100
30) 4-Chloroaniline	10.79	127	41850	21.885	ng/ul	100
31) Hexachlorobutadiene	10.93	225	23246	20.479	ng/ul	99
32) Caprolactam	11.56	113	15033	19.197	ng/ul	97
33) 4-Chloro-3-methylphenol	11.91	107	46711	20.730	ng/ul	95
34) 2-Methylnaphthalene	12.28	142	99696	20.177	ng/ul	97

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Quant Title : SVOA CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.65	216	49924	20.417	ng/ul	98
37) Hexachlorocyclopentadiene	12.61	237	28557	19.016	ng/ul	98
38) 2,4,6-Trichlorophenol	12.89	196	33783	20.520	ng/ul	98
39) 2,4,5-Trichlorophenol	12.97	196	37594	20.650	ng/ul	99
40) 1,1'-Biphenyl	13.29	154	131949	20.383	ng/ul	99
41) 2-Chloronaphthalene	13.34	162	102159	20.267	ng/ul	99
42) 2-Nitroaniline	13.56	65	29486	20.833	ng/ul	100
44) Dimethylphthalate	13.92	163	136993	19.742	ng/ul	100
45) 2,6-Dinitrotoluene	14.05	165	28934	20.543	ng/ul	99
47) Acenaphthylene	14.19	152	161321	20.080	ng/ul	99
48) 3-Nitroaniline	14.39	138	29522	20.613	ng/ul	97
49) Acenaphthene	14.53	153	114562	20.025	ng/ul	99
50) 2,4-Dinitrophenol	14.60	184	23537	25.782	ng/ul	94
52) 4-Nitrophenol	14.69	109	15827	17.055	ng/ul	98
53) Dibenzofuran	14.86	168	162224	19.976	ng/ul	100
54) 2,4-Dinitrotoluene	14.85	165	43923	20.042	ng/ul	97
55) 2,3,4,6-Tetrachlorophenol	15.09	232	32717	19.203	ng/ul	100
56) Diethylphthalate	15.27	149	140711	19.833	ng/ul	99
58) Fluorene	15.51	166	134511	19.893	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.50	204	66669	19.900	ng/ul	96
60) 4-Nitroaniline	15.55	138	32427	18.215	ng/ul	99
63) 4,6-Dinitro-2-methylphenol	15.60	198	25228	17.930	ng/ul	96
64) N-Nitrosodiphenylamine	15.72	169	119129	20.702	ng/ul	99
65) 4-Bromophenyl-phenylether	16.39	248	45414	21.246	ng/ul	96
66) Hexachlorobenzene	16.51	284	54314	20.310	ng/ul	99
67) Atrazine	16.66	200	42488	20.257	ng/ul	98
68) Pentachlorophenol	16.86	266	23870	15.634	ng/ul	98
69) Phenanthrene	17.25	178	223814	20.373	ng/ul	100
71) Anthracene	17.35	178	228120	20.257	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.26	216	50426	21.177	ng/uL	99
73) Pentachlorobenzene	14.77	250	57122	20.995	ng/uL	100
74) Carbazole	17.62	167	210174	20.312	ng/ul	100
75) Di-n-butylphthalate	18.16	149	248641	20.388	ng/ul	100
76) Fluoranthene	19.27	202	270604	20.096	ng/ul	99
79) Pyrene	19.63	202	275706	21.266	ng/ul	99
80) Butylbenzylphthalate	20.52	149	124904	21.561	ng/ul	97
81) 3,3'-Dichlorobenzidine	21.32	252	106306	19.912	ng/ul	98
82) Benzo(a)anthracene	21.39	228	291106	20.116	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.29	149	184177	20.812	ng/ul	99
84) Chrysene	21.44	228	273872	20.205	ng/ul	100
86) Di-n-octyl phthalate	22.19	149	325414	24.492	ng/ul	99
87) Benzo(b)fluoranthene	23.02	252	302250	21.343	ng/ul	100
88) Benzo(k)fluoranthene	23.07	252	281223	21.207	ng/ul	99
90) Benzo(a)pyrene	23.62	252	279308	20.479	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	26.09	276	314838	17.709	ng/ul	98
92) Dibenzo(a,h)anthracene	26.10	278	266551	18.036	ng/ul	99
93) Benzo(g,h,i)perylene	26.82	276	256140	17.213	ng/ul	98

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

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