Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN012221\
Data File : BN013461.D
Acq On : 22 Jan 2021 16:45
Operator : CG/JU
Sample : PB134075BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLCS075

Manual Integrations APPROVED
mohammad
1/25/2021 7:56:13 AM

Quant Time: Jan 22 17:25:48 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN012221.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 22 09:47:41 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	463793	20.00	ng/ul	0.00
20) Naphthalene-d8	10.35	136	1775591	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.22	164	949685	20.00	ng/ul	0.00
64) Phenanthrene-d10	16.97	188	1674315	20.00	ng/ul	0.00
79) Chrysene-d12	21.17	240	1392636	20.00	ng/ul	0.00
88) Perylene-d12	23.36	264	1383898	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.19	96	73591	6.47	ng/uL	0.00
4) Pyridine-d5	3.56	84	947884	31.92	ng/ul	0.00
7) Phenol-d5	6.76	99	1258705	34.51	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	6.93	67	710731	33.15	ng/ul	0.00
11) 2-Chlorophenol-d4	7.12	132	1081326	33.89	ng/ul	0.00
15) 4-Methylphenol-d8	8.29	113	960150	33.17	ng/ul	0.00
21) Nitrobenzene-d5	8.72	128	480066	34.45	ng/ul	0.00
24) 2-Nitrophenol-d4	9.44	143	515440	36.03	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.97	165	945656	34.53	ng/ul	0.00
31) 4-Chloroaniline-d4	10.48	131	1223169	31.64	ng/ul	0.00
46) Dimethylphthalate-d6	13.63	166	2391858	33.95	ng/ul	0.00
49) Acenaphthylene-d8	13.91	160	3200525	35.71	ng/ul	0.00
54) 4-Nitrophenol-d4	14.42	143	455631	34.53	ng/ul	0.00
60) Fluorene-d10	15.22	176	1975867	32.26	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.33	200	339952	34.85	ng/ul	0.00
73) Anthracene-d10	17.07	188	2757913	34.09	ng/ul	0.00
81) Pyrene-d10	19.37	212	2663551	32.17	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.22	264	2657675	36.81	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.22	88	140159	11.909	ng/uL	97
5) Pyridine	3.58	79	932176	30.999	ng/ul	99
6) Benzaldehyde	6.73	77	750332	50.411	ng/ul	99
8) Phenol	6.79	94	1223588	32.484	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.02	93	963868	31.128	ng/ul	99
12) 2-Chlorophenol	7.15	128	1056159	32.312	ng/ul	97
13) 2-Methylphenol	8.02	108	918260	32.359	ng/ul	97
14) 2,2'-oxybis(1-Chloropropan	8.10	45	1358433	31.421	ng/ul	99
16) Acetophenone	8.39	105	1413692	32.333	ng/ul	98
17) N-Nitroso-di-n-propylamine	8.39	70	642659	32.305	ng/ul	99
18) 4-Methylphenol	8.35	108	976439	31.779	ng/ul	98
19) Hexachloroethane	8.65	117	418700	30.754	ng/ul	97
22) Nitrobenzene	8.76	77	1016308	32.140	ng/ul	98
23) Isophorone	9.29	82	1747636	32.162	ng/ul	100
25) 2-Nitrophenol	9.47	139	548161	33.740	ng/ul	97
26) 2,4-Dimethylphenol	9.54	107	986735	31.667	ng/ul	98
27) Bis(2-Chloroethoxy)methane	9.78	93	1180600	31.162	ng/ul	99
29) 2,4-Dichlorophenol	10.00	162	896223	32.505	ng/ul	98
30) Naphthalene	10.40	128	3137911	31.304	ng/ul	100
32) 4-Chloroaniline	10.50	127	1132264	30.317	ng/ul	99
33) Hexachlorobutadiene	10.69	225	557174	30.955	ng/ul	97
34) Caprolactam	11.26	113	240799m	31.553	ng/ul	

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35) 4-Chloro-3-methylphenol	11.64	107	877218	32.454	ng/ul	98
36) 2-Methylnaphthalene	12.02	142	2112792	31.527	ng/ul	99
37) 1-Methylnaphthalene	12.24	142	2049234	31.934	ng/ul	95
39) 1,2,4,5-Tetrachlorobenzene	12.39	216	989364	32.427	ng/ul	95
40) Hexachlorocyclopentadiene	12.37	237	575666	30.770	ng/ul	99
41) 2,4,6-Trichlorophenol	12.63	196	618172	33.599	ng/ul	100
42) 2,4,5-Trichlorophenol	12.70	196	674583	33.537	ng/ul	96
43) 1,1'-Biphenyl	13.05	154	2575859	32.149	ng/ul	99
44) 2-Chloronaphthalene	13.08	162	1976671	31.211	ng/ul	97
45) 2-Nitroaniline	13.29	65	499318	34.506	ng/ul	97
47) Dimethylphthalate	13.69	163	2297686	31.353	ng/ul	99
48) 2,6-Dinitrotoluene	13.80	165	470686	32.826	ng/ul	99
50) Acenaphthylene	13.93	152	2856022	30.933	ng/ul	99
51) 3-Nitroaniline	14.12	138	481570	36.613	ng/ul	98
52) Acenaphthene	14.28	153	1975734	29.988	ng/ul	95
53) 2,4-Dinitrophenol	14.33	184	225464	30.819	ng/ul	95
55) 4-Nitrophenol	14.44	109	311561	32.807	ng/ul	97
56) Dibenzofuran	14.62	168	2754339	31.216	ng/ul	97
57) 2,4-Dinitrotoluene	14.59	165	665749	33.230	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	14.85	232	513635	32.962	ng/ul	97
59) Diethylphthalate	15.06	149	2213366	31.268	ng/ul	100
61) Fluorene	15.27	166	2145845	30.824	ng/ul	98
62) 4-Chlorophenyl-phenylether	15.27	204	1030965	30.183	ng/ul	95
63) 4-Nitroaniline	15.29	138	512985	43.394	ng/ul	97
66) 4,6-Dinitro-2-methylphenol	15.35	198	331591	31.349	ng/ul	97
67) N-Nitrosodiphenylamine	15.49	169	1862242	33.576	ng/ul	100
68) 4-Bromophenyl-phenylether	16.17	248	622363	32.963	ng/ul	97
69) Hexachlorobenzene	16.27	284	701849	32.465	ng/ul	100
70) Atrazine	16.45	200	601047	33.117	ng/ul	96
71) Pentachlorophenol	16.62	266	386620	33.508	ng/ul	99
72) Phenanthrene	17.01	178	3191543	31.926	ng/ul	99
74) Anthracene	17.10	178	3234753	32.234	ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	13.00	216	986107	34.687	ng/uL	97
76) Pentachlorobenzene	14.54	250	856602	31.675	ng/uL	97
77) Carbazole	17.37	167	2923146	34.858	ng/ul	98
78) Di-n-butylphthalate	17.96	149	3230652	33.890	ng/ul	99
80) Fluoranthene	19.03	202	3246148	30.197	ng/ul	99
82) Pyrene	19.40	202	3294365	29.849	ng/ul	97
83) Butylbenzylphthalate	20.32	149	1235397	33.636	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.10	252	950363	38.482	ng/ul	98
85) Benzo(a)anthracene	21.16	228	3062830	33.107	ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.12	149	1897274	36.728	ng/ul	98
87) Chrysene	21.21	228	2913407	31.992	ng/ul	98
89) Di-n-octyl phthalate	21.98	149	3116501	36.578	ng/ul	100
90) Benzo(b)fluoranthene	22.71	252	3080648	34.013	ng/ul	97
91) Benzo(k)fluoranthene	22.75	252	3049138	34.008	ng/ul	99
93) Benzo(a)pyrene	23.26	252	2730337	32.808	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.54	276	3605323	34.936	ng/ul	99
95) Dibenzo(a,h)anthracene	25.54	278	2998380	34.780	ng/ul	98
96) Benzo(g,h,i)perylene	26.20	276	3029478	35.315	ng/ul	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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