Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042321\
Data File : BN014380.D
Acq On : 23 Apr 2021 16:52
Operator : CG/JU
Sample : PB135895BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLCS895

Manual Integrations APPROVED
mohammad
4/26/2021 11:37:35 AM

Quant Time: Apr 23 17:23:56 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN041521.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 23 12:06:34 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	140310	20.00	ng/ul	0.00
20) Naphthalene-d8	10.46	136	576423	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.32	164	330101	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.07	188	672195	20.00	ng/ul	0.00
79) Chrysene-d12	21.26	240	681560	20.00	ng/ul	0.00
88) Perylene-d12	23.49	264	660833	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.21	96	22111	6.00	ng/uL	0.00
4) Pyridine-d5	3.61	84	211589	21.66	ng/ul	0.00
7) Phenol-d5	6.86	99	330857	28.20	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.02	67	206333	29.38	ng/ul	0.00
11) 2-Chlorophenol-d4	7.22	132	268787	29.13	ng/ul	0.00
15) 4-Methylphenol-d8	8.39	113	258676	29.09	ng/ul	0.00
21) Nitrobenzene-d5	8.83	128	138731	33.30	ng/ul	0.00
24) 2-Nitrophenol-d4	9.55	143	118837	29.13	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.09	165	260723	29.67	ng/ul	0.00
31) 4-Chloroaniline-d4	10.60	131	342711	26.29	ng/ul	0.00
46) Dimethylphthalate-d6	13.73	166	836162	34.96	ng/ul	0.00
49) Acenaphthylene-d8	14.01	160	1097021	38.13	ng/ul	0.00
54) 4-Nitrophenol-d4	14.52	143	145565	31.38	ng/ul	0.00
60) Fluorene-d10	15.32	176	726082	34.35	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.44	200	102909	28.61	ng/ul	0.00
73) Anthracene-d10	17.17	188	1102903	35.15	ng/ul	0.00
81) Pyrene-d10	19.47	212	1218719	36.83	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.35	264	1249509	35.64	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.25	88	33703	8.975	ng/uL	93
5) Pyridine	3.63	79	221478	22.066	ng/ul	93
6) Benzaldehyde	6.83	77	192533	32.510	ng/ul	95
8) Phenol	6.88	94	348854	27.667	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.12	93	293395	29.586	ng/ul	97
12) 2-Chlorophenol	7.25	128	286387	29.032	ng/ul	99
13) 2-Methylphenol	8.12	108	258315	28.253	ng/ul	100
14) 2,2'-oxybis(1-Chloropropan	8.21	45	328161	29.937	ng/ul	99
16) Acetophenone	8.50	105	458623	30.687	ng/ul	97
17) N-Nitroso-di-n-propylamine	8.49	70	222373	32.002	ng/ul	98
18) 4-Methylphenol	8.45	108	286097	28.893	ng/ul	98
19) Hexachloroethane	8.76	117	131241	31.651	ng/ul	99
22) Nitrobenzene	8.88	77	345004	31.311	ng/ul	99
23) Isophorone	9.40	82	615200	33.198	ng/ul	99
25) 2-Nitrophenol	9.58	139	140424	29.135	ng/ul	97
26) 2,4-Dimethylphenol	9.65	107	301554	28.104	ng/ul	99
27) Bis(2-Chloroethoxy)methane	9.88	93	387013	30.655	ng/ul	100
29) 2,4-Dichlorophenol	10.11	162	266388	29.541	ng/ul	98
30) Naphthalene	10.51	128	952668	29.819	ng/ul	99
32) 4-Chloroaniline	10.62	127	356226	26.557	ng/ul	98
33) Hexachlorobutadiene	10.80	225	175137	29.747	ng/ul	95
34) Caprolactam	11.37	113	77103m	30.676	ng/ul	

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35) 4-Chloro-3-methylphenol	11.75	107	273864	30.725	ng/ul	99
36) 2-Methylnaphthalene	12.13	142	681553	31.310	ng/ul	99
37) 1-Methylnaphthalene	12.35	142	661272	30.506	ng/ul	98
39) 1,2,4,5-Tetrachlorobenzene	12.50	216	348703	31.210	ng/ul	97
40) Hexachlorocyclopentadiene	12.49	237	187485	27.022	ng/ul	98
41) 2,4,6-Trichlorophenol	12.75	196	195487	30.272	ng/ul	99
42) 2,4,5-Trichlorophenol	12.82	196	223607	31.202	ng/ul	99
43) 1,1'-Biphenyl	13.15	154	865868	31.893	ng/ul	97
44) 2-Chloronaphthalene	13.19	162	683299	32.197	ng/ul	99
45) 2-Nitroaniline	13.39	65	172541	35.069	ng/ul	96
47) Dimethylphthalate	13.78	163	841535	33.897	ng/ul	99
48) 2,6-Dinitrotoluene	13.90	165	161999	37.209	ng/ul	100
50) Acenaphthylene	14.04	152	1032284	33.724	ng/ul	99
51) 3-Nitroaniline	14.22	138	153363	28.589	ng/ul	97
52) Acenaphthene	14.39	153	726937	32.558	ng/ul	99
53) 2,4-Dinitrophenol	14.43	184	95426	37.549	ng/ul	92
55) 4-Nitrophenol	14.53	109	119183	29.989	ng/ul	99
56) Dibenzofuran	14.72	168	1028800	33.110	ng/ul	99
57) 2,4-Dinitrotoluene	14.69	165	242626	38.577	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	14.95	232	183058	32.468	ng/ul	95
59) Diethylphthalate	15.16	149	846911	33.350	ng/ul	98
61) Fluorene	15.37	166	859453	34.121	ng/ul	98
62) 4-Chlorophenyl-phenylether	15.37	204	416219	33.556	ng/ul	99
63) 4-Nitroaniline	15.39	138	167336	32.046	ng/ul	98
66) 4,6-Dinitro-2-methylphenol	15.45	198	109299	28.692	ng/ul	96
67) N-Nitrosodiphenylamine	15.58	169	697928	33.370	ng/ul	99
68) 4-Bromophenyl-phenylether	16.26	248	247965	34.869	ng/ul	99
69) Hexachlorobenzene	16.37	284	292032	34.403	ng/ul	97
70) Atrazine	16.54	200	222866	29.984	ng/ul	100
71) Pentachlorophenol	16.72	266	134352	27.222	ng/ul#	87
72) Phenanthrene	17.11	178	1332817	33.961	ng/ul	100
74) Anthracene	17.20	178	1345177	33.744	ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	13.12	216	343044	30.990	ng/uL	98
76) Pentachlorobenzene	14.65	250	335034	30.453	ng/uL	98
77) Carbazole	17.47	167	1165835	32.329	ng/ul	99
78) Di-n-butylphthalate	18.05	149	1318726	33.797	ng/ul	100
80) Fluoranthene	19.13	202	1460905	34.944	ng/ul	98
82) Pyrene	19.50	202	1569222	35.250	ng/ul	99
83) Butylbenzylphthalate	20.41	149	479100	32.778	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.19	252	335639	27.535	ng/ul	96
85) Benzo(a)anthracene	21.25	228	1511570	34.323	ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.19	149	817848	34.330	ng/ul	99
87) Chrysene	21.30	228	1474076	34.533	ng/ul	94
89) Di-n-octyl phthalate	22.07	149	1259501	30.527	ng/ul	100
90) Benzo(b)fluoranthene	22.82	252	1524586	34.485	ng/ul	98
91) Benzo(k)fluoranthene	22.87	252	1500586	34.096	ng/ul	97
93) Benzo(a)pyrene	23.39	252	1366727	34.942	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	25.73	276	1798778	34.697	ng/ul	99
95) Dibenzo(a,h)anthracene	25.74	278	1523092	35.588	ng/ul	97
96) Benzo(g,h,i)perylene	26.42	276	1478292	35.285	ng/ul	98

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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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