Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042421\
Data File : BN014408.D
Acq On : 24 Apr 2021 18:04
Operator : CG/JU
Sample : PB135931BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLCS931

Manual Integrations APPROVED
mohammad
4/26/2021 11:41:17 AM

Quant Time: Apr 26 02:43:54 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	7.68	152	154805	20.00	ng/ul	0.00
20) Naphthalene-d8	10.46	136	643690	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.32	164	364565	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.07	188	734283	20.00	ng/ul	0.00
79) Chrysene-d12	21.26	240	755577	20.00	ng/ul	0.00
88) Perylene-d12	23.49	264	708163	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.21	96	22681	5.58	ng/uL	0.00
4) Pyridine-d5	3.60	84	229179	21.27	ng/ul	0.00
7) Phenol-d5	6.85	99	359568	27.78	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.02	67	221629	28.60	ng/ul	0.00
11) 2-Chlorophenol-d4	7.22	132	301992	29.67	ng/ul	0.00
15) 4-Methylphenol-d8	8.39	113	287692	29.33	ng/ul	0.00
21) Nitrobenzene-d5	8.83	128	155064	33.34	ng/ul	0.00
24) 2-Nitrophenol-d4	9.55	143	139545	30.63	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.08	165	300212	30.59	ng/ul	0.00
31) 4-Chloroaniline-d4	10.59	131	389603	26.76	ng/ul	0.00
46) Dimethylphthalate-d6	13.73	166	911658	34.52	ng/ul	0.00
49) Acenaphthylene-d8	14.01	160	1204355	37.91	ng/ul	0.00
54) 4-Nitrophenol-d4	14.52	143	162757	31.77	ng/ul	0.00
60) Fluorene-d10	15.32	176	792744	33.96	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.43	200	113917	28.99	ng/ul	0.00
73) Anthracene-d10	17.17	188	1211975	35.36	ng/ul	0.00
81) Pyrene-d10	19.47	212	1323913	36.09	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.35	264	1360294	36.21	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.24	88	34633	8.359	ng/uL	96
5) Pyridine	3.63	79	238573	21.543	ng/ul	92
6) Benzaldehyde	6.83	77	210081	32.151	ng/ul	99
8) Phenol	6.88	94	382365	27.485	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.12	93	313054	28.613	ng/ul	97
12) 2-Chlorophenol	7.25	128	316013	29.036	ng/ul	96
13) 2-Methylphenol	8.12	108	294718	29.216	ng/ul	98
14) 2,2'-oxybis(1-Chloropropan	8.22	45	365374	30.211	ng/ul	100
16) Acetophenone	8.50	105	507095	30.753	ng/ul	97
17) N-Nitroso-di-n-propylamine	8.49	70	244716	31.920	ng/ul	99
18) 4-Methylphenol	8.45	108	324698	29.721	ng/ul	100
19) Hexachloroethane	8.75	117	149793	32.743	ng/ul	96
22) Nitrobenzene	8.88	77	388298	31.557	ng/ul	98
23) Isophorone	9.40	82	706620	34.147	ng/ul	99
25) 2-Nitrophenol	9.58	139	165642	30.776	ng/ul	97
26) 2,4-Dimethylphenol	9.64	107	329088	27.465	ng/ul	100
27) Bis(2-Chloroethoxy)methane	9.88	93	438044	31.071	ng/ul	98
29) 2,4-Dichlorophenol	10.11	162	298597	29.652	ng/ul	98
30) Naphthalene	10.51	128	1075702	30.152	ng/ul	100
32) 4-Chloroaniline	10.62	127	404789	27.024	ng/ul	99
33) Hexachlorobutadiene	10.80	225	195035	29.665	ng/ul	93
34) Caprolactam	11.38	113	92962m	33.121	ng/ul	

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35) 4-Chloro-3-methylphenol	11.75	107	317286	31.877	ng/ul	99
36) 2-Methylnaphthalene	12.13	142	764328	31.443	ng/ul	98
37) 1-Methylnaphthalene	12.35	142	736339	30.419	ng/ul	98
39) 1,2,4,5-Tetrachlorobenzene	12.50	216	386260	31.303	ng/ul	97
40) Hexachlorocyclopentadiene	12.49	237	186709	24.366	ng/ul	100
41) 2,4,6-Trichlorophenol	12.74	196	222289	31.169	ng/ul	97
42) 2,4,5-Trichlorophenol	12.82	196	256358	32.391	ng/ul	98
43) 1,1'-Biphenyl	13.15	154	963043	32.119	ng/ul	99
44) 2-Chloronaphthalene	13.19	162	753249	32.137	ng/ul	99
45) 2-Nitroaniline	13.39	65	203570	37.465	ng/ul	100
47) Dimethylphthalate	13.78	163	948848	34.607	ng/ul	100
48) 2,6-Dinitrotoluene	13.90	165	186698	38.828	ng/ul	100
50) Acenaphthylene	14.04	152	1142491	33.796	ng/ul	99
51) 3-Nitroaniline	14.22	138	179221	30.250	ng/ul	97
52) Acenaphthene	14.39	153	809684	32.836	ng/ul	97
53) 2,4-Dinitrophenol	14.43	184	108824	38.773	ng/ul	94
55) 4-Nitrophenol	14.53	109	137155	31.249	ng/ul	98
56) Dibenzofuran	14.72	168	1145027	33.367	ng/ul	99
57) 2,4-Dinitrotoluene	14.69	165	271585	39.099	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	14.95	232	208295	33.452	ng/ul	99
59) Diethylphthalate	15.15	149	943089	33.626	ng/ul	99
61) Fluorene	15.37	166	933538	33.559	ng/ul	99
62) 4-Chlorophenyl-phenylether	15.37	204	458283	33.454	ng/ul	98
63) 4-Nitroaniline	15.39	138	195811	33.954	ng/ul	99
66) 4,6-Dinitro-2-methylphenol	15.45	198	121504	29.199	ng/ul	97
67) N-Nitrosodiphenylamine	15.58	169	783525	34.295	ng/ul	97
68) 4-Bromophenyl-phenylether	16.26	248	264950	34.107	ng/ul	93
69) Hexachlorobenzene	16.37	284	318455	34.343	ng/ul	97
70) Atrazine	16.54	200	247817	30.522	ng/ul	98
71) Pentachlorophenol	16.72	266	154882	28.728	ng/ul	91
72) Phenanthrene	17.11	178	1459701	34.049	ng/ul	99
74) Anthracene	17.20	178	1501428	34.479	ng/ul	100
75) 1,2,3,4-Tetrachlorobenzene	13.11	216	384155	31.770	ng/uL	99
76) Pentachlorobenzene	14.65	250	372090	30.961	ng/uL	95
77) Carbazole	17.47	167	1288909	32.720	ng/ul	99
78) Di-n-butylphthalate	18.05	149	1501639	35.231	ng/ul	99
80) Fluoranthene	19.13	202	1620648	34.967	ng/ul	99
82) Pyrene	19.50	202	1717557	34.803	ng/ul	99
83) Butylbenzylphthalate	20.41	149	541062	33.391	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.19	252	321699	23.806	ng/ul	97
85) Benzo(a)anthracene	21.25	228	1645654	33.707	ng/ul	98
86) Bis(2-ethylhexyl)phthalate	21.19	149	912690	34.558	ng/ul	99
87) Chrysene	21.30	228	1612589	34.077	ng/ul	96
89) Di-n-octyl phthalate	22.07	149	1469796	33.243	ng/ul	100
90) Benzo(b)fluoranthene	22.82	252	1625267	34.305	ng/ul	96
91) Benzo(k)fluoranthene	22.87	252	1636578	34.700	ng/ul	97
93) Benzo(a)pyrene	23.39	252	1479035	35.286	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	25.73	276	1990222	35.824	ng/ul	97
95) Dibenzo(a,h)anthracene	25.74	278	1613083	35.171	ng/ul#	97
96) Benzo(g,h,i)perylene	26.42	276	1601049	35.661	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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