Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042021\
Data File : BN014330.D
Acq On : 19 Apr 2021 19:08
Operator : CG/JU
Sample : PB135369BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLCS369

Manual Integrations APPROVED
mohammad
4/21/2021 8:38:12 AM

Quant Time: Apr 20 02:02:10 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN041521.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Apr 19 15:27:04 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	151843	20.00	ng/ul	0.00
20) Naphthalene-d8	10.47	136	608294	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.33	164	345153	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.07	188	704251	20.00	ng/ul	0.00
79) Chrysene-d12	21.27	240	744537	20.00	ng/ul	0.00
88) Perylene-d12	23.50	264	715129	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	23861	5.98	ng/uL	0.00
4) Pyridine-d5	3.62	84	307937	29.13	ng/ul	0.00
7) Phenol-d5	6.86	99	388086	30.57	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.03	67	235590	30.99	ng/ul	0.00
11) 2-Chlorophenol-d4	7.23	132	316344	31.68	ng/ul	0.00
15) 4-Methylphenol-d8	8.39	113	294463	30.60	ng/ul	0.00
21) Nitrobenzene-d5	8.84	128	146507	33.33	ng/ul	0.00
24) 2-Nitrophenol-d4	9.56	143	142838	33.18	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.09	165	295464	31.86	ng/ul	0.00
31) 4-Chloroaniline-d4	10.60	131	381061	27.70	ng/ul	0.00
46) Dimethylphthalate-d6	13.74	166	852789	34.11	ng/ul	0.00
49) Acenaphthylene-d8	14.02	160	1121930	37.30	ng/ul	0.00
54) 4-Nitrophenol-d4	14.53	143	158989	32.78	ng/ul	0.00
60) Fluorene-d10	15.33	176	754294	34.13	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.44	200	122240	32.43	ng/ul	0.00
73) Anthracene-d10	17.17	188	1146596	34.88	ng/ul	0.00
81) Pyrene-d10	19.47	212	1288961	35.66	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.36	264	1375665	36.26	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.26	88	48053	11.824	ng/uL#	96
5) Pyridine	3.64	79	335711	30.906	ng/ul	95
6) Benzaldehyde	6.84	77	225480	35.181	ng/ul	99
8) Phenol	6.89	94	429760	31.495	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.12	93	337883	31.485	ng/ul	99
12) 2-Chlorophenol	7.26	128	343240	32.153	ng/ul	97
13) 2-Methylphenol	8.13	108	307867	31.115	ng/ul	99
14) 2,2'-oxybis(1-Chloropropan	8.23	45	367957	31.018	ng/ul	99
16) Acetophenone	8.51	105	514529	31.813	ng/ul	99
17) N-Nitroso-di-n-propylamine	8.50	70	251735	33.476	ng/ul	99
18) 4-Methylphenol	8.46	108	341148	31.836	ng/ul	99
19) Hexachloroethane	8.76	117	146591	32.668	ng/ul	98
22) Nitrobenzene	8.89	77	383527	32.983	ng/ul	99
23) Isophorone	9.40	82	659193	33.708	ng/ul	100
25) 2-Nitrophenol	9.59	139	170504	33.523	ng/ul	97
26) 2,4-Dimethylphenol	9.65	107	358673	31.676	ng/ul	100
27) Bis(2-Chloroethoxy)methane	9.89	93	428951	32.196	ng/ul	100
29) 2,4-Dichlorophenol	10.12	162	310466	32.625	ng/ul	98
30) Naphthalene	10.52	128	1067053	31.650	ng/ul	99
32) 4-Chloroaniline	10.63	127	400340	28.282	ng/ul	99
33) Hexachlorobutadiene	10.81	225	197427	31.776	ng/ul	94
34) Caprolactam	11.39	113	89006m	33.556	ng/ul	

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35) 4-Chloro-3-methylphenol	11.76	107	317272	33.730	ng/ul	98
36) 2-Methylnaphthalene	12.14	142	745049	32.433	ng/ul	100
37) 1-Methylnaphthalene	12.36	142	715073	31.260	ng/ul	98
39) 1,2,4,5-Tetrachlorobenzene	12.51	216	381214	32.632	ng/ul	100
40) Hexachlorocyclopentadiene	12.49	237	214210	29.527	ng/ul	98
41) 2,4,6-Trichlorophenol	12.75	196	223493	33.100	ng/ul	94
42) 2,4,5-Trichlorophenol	12.82	196	254794	34.004	ng/ul	99
43) 1,1'-Biphenyl	13.16	154	935844	32.967	ng/ul	99
44) 2-Chloronaphthalene	13.20	162	731794	32.978	ng/ul	98
45) 2-Nitroaniline	13.40	65	194306	37.771	ng/ul	95
47) Dimethylphthalate	13.79	163	918730	35.393	ng/ul	100
48) 2,6-Dinitrotoluene	13.90	165	178020	39.106	ng/ul	100
50) Acenaphthylene	14.05	152	1094220	34.189	ng/ul	100
51) 3-Nitroaniline	14.23	138	180896	32.250	ng/ul	96
52) Acenaphthene	14.39	153	785750	33.657	ng/ul	98
53) 2,4-Dinitrophenol	14.44	184	80359	30.242	ng/ul	95
55) 4-Nitrophenol	14.54	109	142006	34.174	ng/ul	99
56) Dibenzofuran	14.73	168	1098825	33.821	ng/ul	99
57) 2,4-Dinitrotoluene	14.69	165	258017	39.235	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	14.96	232	211114	35.812	ng/ul	95
59) Diethylphthalate	15.16	149	910026	34.272	ng/ul	99
61) Fluorene	15.38	166	913595	34.689	ng/ul	99
62) 4-Chlorophenyl-phenylether	15.38	204	453682	34.981	ng/ul	99
63) 4-Nitroaniline	15.40	138	192671	35.288	ng/ul	98
66) 4,6-Dinitro-2-methylphenol	15.46	198	130703	32.749	ng/ul#	96
67) N-Nitrosodiphenylamine	15.59	169	770473	35.161	ng/ul	99
68) 4-Bromophenyl-phenylether	16.27	248	258844	34.742	ng/ul	94
69) Hexachlorobenzene	16.38	284	317954	35.752	ng/ul	99
70) Atrazine	16.55	200	265367	34.077	ng/ul	97
71) Pentachlorophenol	16.73	266	166502	32.200	ng/ul	90
72) Phenanthrene	17.12	178	1428396	34.739	ng/ul	98
74) Anthracene	17.21	178	1463958	35.052	ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	13.12	216	380430	32.804	ng/uL	97
76) Pentachlorobenzene	14.65	250	360356	31.263	ng/uL	93
77) Carbazole	17.47	167	1299047	34.384	ng/ul	99
78) Di-n-butylphthalate	18.05	149	1480434	36.215	ng/ul	99
80) Fluoranthene	19.14	202	1628091	35.649	ng/ul	98
82) Pyrene	19.50	202	1722137	35.413	ng/ul	98
83) Butylbenzylphthalate	20.42	149	616820	38.630	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.19	252	464010	34.846	ng/ul	94
85) Benzo(a)anthracene	21.26	228	1707749	35.498	ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.20	149	998772	38.378	ng/ul	99
87) Chrysene	21.31	228	1683194	36.096	ng/ul	95
89) Di-n-octyl phthalate	22.07	149	1584215	35.481	ng/ul	100
90) Benzo(b)fluoranthene	22.83	252	1752636	36.634	ng/ul	99
91) Benzo(k)fluoranthene	22.88	252	1687513	35.432	ng/ul	99
93) Benzo(a)pyrene	23.40	252	1558908	36.829	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	25.75	276	2053878	36.610	ng/ul	99
95) Dibenzo(a,h)anthracene	25.76	278	1736552	37.495	ng/ul	97
96) Benzo(g,h,i)perylene	26.43	276	1642095	36.219	ng/ul	99

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

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