Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021623\
Data File : BN024055.D
Acq On : 16 Feb 2023 15:39
Operator : CG/JU
Sample : PB150871BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLCS871

Quant Time: Feb 17 05:36:43 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020623.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 17 05:33:41 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.828	152	168290	20.000	ng/ul	0.00
20) Naphthalene-d8	10.640	136	735623	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.487	164	480842	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.234	188	1089954	20.000	ng/ul	0.00
79) Chrysene-d12	21.427	240	974655	20.000	ng/ul	0.00
88) Perylene-d12	23.804	264	939145	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.223	96	21314	5.121	ng/uL	0.00
4) Pyridine-d5	3.646	84	301538	26.120	ng/ul	0.00
7) Phenol-d5	6.999	99	426094	29.617	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.164	67	272655	30.033	ng/ul	0.00
11) 2-Chlorophenol-d4	7.358	132	334224	29.870	ng/ul	0.00
15) 4-Methylphenol-d8	8.552	113	336791	29.966	ng/ul	0.00
21) Nitrobenzene-d5	8.999	128	166195	28.300	ng/ul	0.00
24) 2-Nitrophenol-d4	9.722	143	186351	28.261	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.263	165	350051	28.487	ng/ul	0.00
31) 4-Chloroaniline-d4	10.781	131	427068	25.715	ng/ul	0.00
46) Dimethylphthalate-d6	13.904	166	1072127	28.848	ng/ul	0.00
49) Acenaphthylene-d8	14.175	160	1189798	28.898	ng/ul	0.00
54) 4-Nitrophenol-d4	14.698	143	199375	31.187	ng/ul	0.00
60) Fluorene-d10	15.481	176	883362	28.230	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.610	200	208669	27.710	ng/ul	0.00
73) Anthracene-d10	17.334	188	1422510	28.650	ng/ul	0.00
81) Pyrene-d10	19.633	212	1743572	29.698	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.663	264	1461809	30.424	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.258	88	44773	10.171	ng/uL#	91
5) Pyridine	3.664	79	310025	26.712	ng/ul	94
6) Benzaldehyde	6.969	77	249088	39.961	ng/ul	96
8) Phenol	7.028	94	438617	30.204	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.258	93	350459	29.692	ng/ul	96
12) 2-Chlorophenol	7.393	128	344931	30.319	ng/ul	100
13) 2-Methylphenol	8.281	108	325118	29.886	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.369	45	451060	30.677	ng/ul	99
16) Acetophenone	8.663	105	538472	30.712	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.652	70	295181	31.348	ng/ul	97
18) 4-Methylphenol	8.616	108	362316	30.915	ng/ul	97
19) Hexachloroethane	8.905	117	147526	31.034	ng/ul	93
22) Nitrobenzene	9.046	77	445962	29.933	ng/ul	99
23) Isophorone	9.569	82	810279	29.554	ng/ul	99
25) 2-Nitrophenol	9.752	139	201268	29.176	ng/ul	97
26) 2,4-Dimethylphenol	9.816	107	402816	29.307	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.058	93	495725	29.108	ng/ul	99
29) 2,4-Dichlorophenol	10.287	162	351436	29.491	ng/ul	96
30) Naphthalene	10.687	128	1114293	28.247	ng/ul	100
32) 4-Chloroaniline	10.810	127	408109	24.616	ng/ul	99
33) Hexachlorobutadiene	10.969	225	246183	28.809	ng/ul	98
34) Caprolactam	11.599	113	108517m	32.023	ng/ul	
35) 4-Chloro-3-methylphenol	11.940	107	372816	29.774	ng/ul	97
36) 2-Methylnaphthalene	12.304	142	759853	28.609	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.522	142	785755	29.080	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.675	216	450606	26.749	ng/ul	99
40) Hexachlorocyclopentadiene	12.646	237	300353	24.607	ng/ul	95
41) 2,4,6-Trichlorophenol	12.916	196	298394	27.912	ng/ul	98
42) 2,4,5-Trichlorophenol	12.987	196	322214	27.833	ng/ul	99
43) 1,1'-Biphenyl	13.316	154	1062714	27.758	ng/ul	99
44) 2-Chloronaphthalene	13.357	162	838007	28.157	ng/ul	99
45) 2-Nitroaniline	13.575	65	269116	31.681	ng/ul	99
47) Dimethylphthalate	13.951	163	1074815	29.034	ng/ul	99
48) 2,6-Dinitrotoluene	14.075	165	223634	30.907	ng/ul	98
50) Acenaphthylene	14.210	152	1260565	28.759	ng/ul	99
51) 3-Nitroaniline	14.404	138	225609	35.404	ng/ul	94
52) Acenaphthene	14.551	153	884849	28.899	ng/ul	99
53) 2,4-Dinitrophenol	14.610	184	140044	28.786	ng/ul	97
55) 4-Nitrophenol	14.716	109	178788	31.598	ng/ul	98
56) Dibenzofuran	14.887	168	1233088	28.466	ng/ul	98
57) 2,4-Dinitrotoluene	14.863	165	319996	31.864	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.116	232	289591	28.760	ng/ul	99
59) Diethylphthalate	15.316	149	1089917	30.154	ng/ul	99
61) Fluorene	15.534	166	1038212	29.243	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.528	204	527265	28.229	ng/ul	94
63) 4-Nitroaniline	15.569	138	239339m	43.837	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.622	198	207900	28.388	ng/ul	99
67) N-Nitrosodiphenylamine	15.745	169	881272	28.056	ng/ul	98
68) 4-Bromophenyl-phenylether	16.428	248	352344	27.588	ng/ul	94
69) Hexachlorobenzene	16.540	284	396140	27.147	ng/ul	98
70) Atrazine	16.704	200	310917	25.337	ng/ul	98
71) Pentachlorophenol	16.887	266	241208	26.023	ng/ul	95
72) Phenanthrene	17.281	178	1681862	28.988	ng/ul	96
74) Anthracene	17.369	178	1660268	28.579	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.281	216	456563	26.114	ng/uL	93
76) Pentachlorobenzene	14.804	250	457268	26.352	ng/uL	99
77) Carbazole	17.645	167	1505845	30.076	ng/ul	100
78) Di-n-butylphthalate	18.204	149	1918240	22.940	ng/ul	99
80) Fluoranthene	19.292	202	2012357	28.807	ng/ul	98
82) Pyrene	19.663	202	2086101	29.337	ng/ul	100
83) Butylbenzylphthalate	20.563	149	846911	30.400	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.351	252	673383	29.371	ng/ul	97
85) Benzo(a)anthracene	21.416	228	2026368	30.004	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.339	149	1236305	29.907	ng/ul	98
87) Chrysene	21.463	228	1912758	30.604	ng/ul	99
89) Di-n-octyl phthalate	22.269	149	1971895	30.370	ng/ul	100
90) Benzo(b)fluoranthene	23.092	252	2020325	32.651	ng/ul	98
91) Benzo(k)fluoranthene	23.139	252	1792473	30.404	ng/ul	95
93) Benzo(a)pyrene	23.704	252	1587746	30.225	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.263	276	1945886	28.699	ng/ul	97
95) Dibenzo(a,h)anthracene	26.280	278	1609840	28.613	ng/ul	97
96) Benzo(g,h,i)perylene	27.027	276	1477921	26.952	ng/ul	95

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

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