Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021623\
Data File : BN024056.D
Acq On : 16 Feb 2023 16:17
Operator : CG/JU
Sample : PB150878BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLCS878

Quant Time: Feb 17 05:37:14 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	166636	20.000	ng/ul	0.00
20) Naphthalene-d8	10.640	136	751699	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.487	164	493773	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.233	188	1082231	20.000	ng/ul	0.00
79) Chrysene-d12	21.427	240	899199	20.000	ng/ul	0.00
88) Perylene-d12	23.804	264	796166	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.222	96	26389	6.404	ng/uL	0.00
4) Pyridine-d5	3.646	84	368601	32.246	ng/ul	0.00
7) Phenol-d5	7.005	99	523260	36.732	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.169	67	327266	36.406	ng/ul	0.00
11) 2-Chlorophenol-d4	7.358	132	407400	36.771	ng/ul	0.00
15) 4-Methylphenol-d8	8.552	113	421864	37.908	ng/ul	0.00
21) Nitrobenzene-d5	9.005	128	209105	34.845	ng/ul	0.00
24) 2-Nitrophenol-d4	9.722	143	233981	34.725	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.263	165	445875	35.509	ng/ul	0.00
31) 4-Chloroaniline-d4	10.787	131	543446	32.023	ng/ul	0.00
46) Dimethylphthalate-d6	13.904	166	1325620	34.735	ng/ul	0.00
49) Acenaphthylene-d8	14.181	160	1488999	35.218	ng/ul	0.00
54) 4-Nitrophenol-d4	14.704	143	242798	36.985	ng/ul	0.01
60) Fluorene-d10	15.481	176	1127872	35.100	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.610	200	260048	34.779	ng/ul	0.00
73) Anthracene-d10	17.333	188	1703423	34.553	ng/ul	0.00
81) Pyrene-d10	19.633	212	1970452	36.378	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.645	264	1445847	35.496	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.258	88	51649	11.850	ng/uL#	90
5) Pyridine	3.664	79	367864	32.010	ng/ul	94
6) Benzaldehyde	6.969	77	304177	49.283	ng/ul	98
8) Phenol	7.028	94	531667	36.975	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.258	93	425081	36.372	ng/ul	99
12) 2-Chlorophenol	7.393	128	415646	36.897	ng/ul	99
13) 2-Methylphenol	8.281	108	399243	37.064	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.369	45	550799	37.832	ng/ul	100
16) Acetophenone	8.663	105	657918	37.897	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.657	70	367469	39.413	ng/ul	95
18) 4-Methylphenol	8.616	108	445540	38.393	ng/ul	99
19) Hexachloroethane	8.905	117	178680	37.961	ng/ul	91
22) Nitrobenzene	9.046	77	537249	35.288	ng/ul	99
23) Isophorone	9.575	82	1016150	36.270	ng/ul	98
25) 2-Nitrophenol	9.757	139	252881	35.873	ng/ul	98
26) 2,4-Dimethylphenol	9.822	107	496315	35.337	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.057	93	611172	35.120	ng/ul	97
29) 2,4-Dichlorophenol	10.287	162	430887	35.385	ng/ul	99
30) Naphthalene	10.687	128	1371574	34.026	ng/ul	99
32) 4-Chloroaniline	10.804	127	510234	30.118	ng/ul	96
33) Hexachlorobutadiene	10.969	225	291855	33.423	ng/ul	97
34) Caprolactam	11.604	113	137296m	39.650	ng/ul	
35) 4-Chloro-3-methylphenol	11.940	107	479756	37.495	ng/ul	100
36) 2-Methylnaphthalene	12.304	142	952781	35.106	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.522	142	954733	34.577	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.675	216	577019	33.356	ng/ul	96
40) Hexachlorocyclopentadiene	12.646	237	380723	30.374	ng/ul	97
41) 2,4,6-Trichlorophenol	12.916	196	377650	34.401	ng/ul	93
42) 2,4,5-Trichlorophenol	12.987	196	413632	34.794	ng/ul	99
43) 1,1'-Biphenyl	13.316	154	1311673	33.363	ng/ul	98
44) 2-Chloronaphthalene	13.357	162	1026665	33.593	ng/ul	99
45) 2-Nitroaniline	13.575	65	334678	38.367	ng/ul	98
47) Dimethylphthalate	13.951	163	1352794	35.586	ng/ul	100
48) 2,6-Dinitrotoluene	14.075	165	282181	37.977	ng/ul	98
50) Acenaphthylene	14.204	152	1574404	34.978	ng/ul	99
51) 3-Nitroaniline	14.404	138	282595	43.186	ng/ul	94
52) Acenaphthene	14.551	153	1085276	34.517	ng/ul	99
53) 2,4-Dinitrophenol	14.610	184	173166	34.661	ng/ul	95
55) 4-Nitrophenol	14.716	109	214344	36.890	ng/ul	95
56) Dibenzofuran	14.887	168	1548242	34.806	ng/ul	99
57) 2,4-Dinitrotoluene	14.863	165	398984	38.689	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.116	232	368584	35.646	ng/ul	98
59) Diethylphthalate	15.316	149	1306793	35.207	ng/ul	98
61) Fluorene	15.534	166	1267512	34.767	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.528	204	659249	34.370	ng/ul	96
63) 4-Nitroaniline	15.575	138	291290m	51.955	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.628	198	256237	35.238	ng/ul	96
67) N-Nitrosodiphenylamine	15.745	169	1061375	34.031	ng/ul	98
68) 4-Bromophenyl-phenylether	16.428	248	431966	34.064	ng/ul	92
69) Hexachlorobenzene	16.539	284	503804	34.772	ng/ul	99
70) Atrazine	16.704	200	370381	30.399	ng/ul	97
71) Pentachlorophenol	16.886	266	302384	32.856	ng/ul	96
72) Phenanthrene	17.281	178	1966566	34.137	ng/ul	98
74) Anthracene	17.369	178	2009326	34.834	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.281	216	570264	32.850	ng/uL	95
76) Pentachlorobenzene	14.804	250	557099	32.334	ng/uL	98
77) Carbazole	17.645	167	1755578	35.314	ng/ul	99
78) Di-n-butylphthalate	18.204	149	2183931	26.304	ng/ul	98
80) Fluoranthene	19.298	202	2326729	36.102	ng/ul	99
82) Pyrene	19.663	202	2386729	36.381	ng/ul	99
83) Butylbenzylphthalate	20.563	149	901777	35.086	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.351	252	701999	33.189	ng/ul	97
85) Benzo(a)anthracene	21.410	228	2079329	33.371	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.339	149	1239550	32.501	ng/ul	98
87) Chrysene	21.463	228	1995162	34.601	ng/ul	98
89) Di-n-octyl phthalate	22.257	149	1938678	35.220	ng/ul	100
90) Benzo(b)fluoranthene	23.080	252	1917598	36.557	ng/ul	98
91) Benzo(k)fluoranthene	23.127	252	1890097	37.818	ng/ul	97
93) Benzo(a)pyrene	23.698	252	1669170	37.481	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	26.268	276	2025600	35.240	ng/ul	98
95) Dibenzo(a,h)anthracene	26.280	278	1702599	35.696	ng/ul	98
96) Benzo(g,h,i)perylene	27.027	276	1616870	34.781	ng/ul	98

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

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