Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061523\
Data File : BF133786.D
Acq On : 15 Jun 2023 21:20
Operator : CG\JU
Sample : PB153350BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB153350BS

Quant Time: Jun 16 02:59:53 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 15 15:12:57 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.834	152	114085	20.000	ng		0.00
21) Naphthalene-d8	8.116	136	438581	20.000	ng		0.00
39) Acenaphthene-d10	9.875	164	198617	20.000	ng		0.00
64) Phenanthrene-d10	11.357	188	414598	20.000	ng		0.00
76) Chrysene-d12	14.004	240	215204	20.000	ng		0.00
86) Perylene-d12	15.463	264	179903	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.457	112	811249	123.794	ng		0.02
7) Phenol-d6	6.469	99	936910	109.836	ng		0.00
23) Nitrobenzene-d5	7.404	82	851449	105.740	ng		0.00
42) 2,4,6-Tribromophenol	10.663	330	309860	123.247	ng		0.00
45) 2-Fluorobiphenyl	9.198	172	1486357	106.380	ng		0.00
79) Terphenyl-d14	12.951	244	1359734	97.767	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.634	88	90308	31.346	ng		99
3) Pyridine	3.381	79	231463	27.564	ng		98
4) n-Nitrosodimethylamine	3.328	42	175992	37.915	ng		95
6) Aniline	6.492	93	329884	30.705	ng		100
8) 2-Chlorophenol	6.616	128	305199	44.193	ng		96
9) Benzaldehyde	6.381	77	155983	27.562	ng		97
10) Phenol	6.481	94	352352	39.559	ng		97
11) bis(2-Chloroethyl)ether	6.569	93	279673	42.294	ng		96
12) 1,3-Dichlorobenzene	6.775	146	324068	43.919	ng		98
13) 1,4-Dichlorobenzene	6.851	146	326618	43.795	ng		97
14) 1,2-Dichlorobenzene	7.004	146	306838	45.533	ng		97
15) Benzyl Alcohol	6.975	79	274866	41.257	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.110	45	507339	45.261	ng		99
17) 2-Methylphenol	7.087	107	248176	40.544	ng		98
18) Hexachloroethane	7.345	117	123946	48.546	ng		96
19) n-Nitroso-di-n-propyla...	7.251	70	218737	40.304	ng		98
20) 3+4-Methylphenols	7.240	107	309016	38.807	ng		93
22) Acetophenone	7.245	105	419985	41.752	ng	#	98
24) Nitrobenzene	7.422	77	337215	41.590	ng		96
25) Isophorone	7.657	82	610843	41.321	ng		98
26) 2-Nitrophenol	7.734	139	171429	47.111	ng		94
27) 2,4-Dimethylphenol	7.769	122	245670	39.170	ng		99
28) bis(2-Chloroethoxy)met...	7.863	93	348368	40.773	ng		99
29) 2,4-Dichlorophenol	7.975	162	257388	41.872	ng		98
30) 1,2,4-Trichlorobenzene	8.057	180	269270	41.986	ng		98
31) Naphthalene	8.139	128	874790	40.940	ng		99
32) Benzoic acid	7.892	122	201973m	51.060	ng		
33) 4-Chloroaniline	8.187	127	153460	16.797	ng		96
34) Hexachlorobutadiene	8.251	225	171412	40.822	ng		99
35) Caprolactam	8.563	113	87840m	42.467	ng		
36) 4-Chloro-3-methylphenol	8.669	107	291397	41.127	ng		99
37) 2-Methylnaphthalene	8.828	142	588796	39.659	ng		97
38) 1-Methylnaphthalene	8.928	142	500558	36.640	ng		100
40) 1,2,4,5-Tetrachloroben...	8.998	216	261459	43.301	ng		98
41) Hexachlorocyclopentadiene	8.981	237	306028	113.732	ng		97
43) 2,4,6-Trichlorophenol	9.104	196	188314	46.671	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.151	196	202080	43.049	ng		95
46) 1,1'-Biphenyl	9.292	154	734450	45.849	ng		98
47) 2-Chloronaphthalene	9.322	162	544118	47.354	ng		98
48) 2-Nitroaniline	9.416	65	181434	43.174	ng		98
49) Acenaphthylene	9.733	152	819408	40.972	ng		99
50) Dimethylphthalate	9.598	163	581896	39.250	ng		99
51) 2,6-Dinitrotoluene	9.657	165	129454	42.305	ng	#	77
52) Acenaphthene	9.904	154	481328	41.117	ng		99
53) 3-Nitroaniline	9.828	138	96598	25.940	ng		94
54) 2,4-Dinitrophenol	9.939	184	154570	101.699	ng		96
55) Dibenzofuran	10.081	168	731537	40.954	ng		98
56) 4-Nitrophenol	9.992	139	215728	85.838	ng	#	81
57) 2,4-Dinitrotoluene	10.063	165	173620	44.612	ng		100
58) Fluorene	10.422	166	631334	46.218	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.198	232	162131	46.133	ng		98
60) Diethylphthalate	10.298	149	663978	44.006	ng		100
61) 4-Chlorophenyl-phenyle...	10.416	204	300194	44.516	ng		94
62) 4-Nitroaniline	10.445	138	154990	42.449	ng		98
63) Azobenzene	10.575	77	620519	43.442	ng		97
65) 4,6-Dinitro-2-methylph...	10.475	198	106610	53.812	ng		99
66) n-Nitrosodiphenylamine	10.533	169	553741	39.762	ng		98
67) 4-Bromophenyl-phenylether	10.904	248	186404	40.282	ng		94
68) Hexachlorobenzene	10.969	284	209579	43.069	ng		95
69) Atrazine	11.063	200	178217	44.105	ng		98
70) Pentachlorophenol	11.163	266	214804	73.718	ng		98
71) Phenanthrene	11.386	178	868013	41.266	ng		99
72) Anthracene	11.439	178	888084	40.492	ng		100
73) Carbazole	11.592	167	821788	40.230	ng		99
74) Di-n-butylphthalate	11.922	149	882892	33.714	ng		99
75) Fluoranthene	12.574	202	879273	39.363	ng		99
77) Benzidine	12.698	184	235045	32.548	ng		99
78) Pyrene	12.804	202	881386	43.966	ng		99
80) Butylbenzylphthalate	13.421	149	312684	36.946	ng		97
81) Benzo(a)anthracene	13.992	228	620282	41.670	ng		99
82) 3,3'-Dichlorobenzidine	13.957	252	134574	27.193	ng		98
83) Chrysene	14.033	228	576575	40.952	ng		98
84) Bis(2-ethylhexyl)phtha...	13.980	149	352578	33.835	ng		100
85) Di-n-octyl phthalate	14.592	149	560607	37.858	ng		99
87) Indeno(1,2,3-cd)pyrene	16.927	276	652432	52.714	ng		99
88) Benzo(b)fluoranthene	15.039	252	482165	44.121	ng		98
89) Benzo(k)fluoranthene	15.068	252	472438	44.379	ng		99
90) Benzo(a)pyrene	15.404	252	434392	42.830	ng		99
91) Dibenzo(a,h)anthracene	16.945	278	538624	52.566	ng		99
92) Benzo(g,h,i)perylene	17.374	276	555703	54.699	ng		98

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

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