Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062023\
Data File : BF133847.D
Acq On : 20 Jun 2023 10:06
Operator : CG\JU
Sample : PB153207BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB153207BS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023

Quant Time: Jun 20 11:45:08 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 19 16:00:59 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	109988	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	428757	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	221133	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	421960	20.000	ng	0.00
76) Chrysene-d12	14.045	240	203282	20.000	ng	0.00
86) Perylene-d12	15.551	264	222723	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	754786	119.468	ng	0.00
7) Phenol-d6	6.498	99	905940	110.161	ng	0.00
23) Nitrobenzene-d5	7.422	82	616303	78.291	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	300882	107.491	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	1158778	74.490	ng	0.00
79) Terphenyl-d14	12.986	244	1180131	89.829	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.728	88	113457	40.847	ng	97
3) Pyridine	3.499	79	250492	30.941	ng	98
4) n-Nitrosodimethylamine	3.463	42	181028	40.452	ng	99
6) Aniline	6.522	93	283831	27.402	ng	96
8) 2-Chlorophenol	6.645	128	298775	44.874	ng	96
9) Benzaldehyde	6.410	77	73871	13.539	ng	98
10) Phenol	6.510	94	354320	41.261	ng	94
11) bis(2-Chloroethyl)ether	6.598	93	273747	42.940	ng	97
12) 1,3-Dichlorobenzene	6.798	146	321365	45.175	ng	98
13) 1,4-Dichlorobenzene	6.875	146	324075	45.073	ng	99
14) 1,2-Dichlorobenzene	7.028	146	305418	47.010	ng	99
15) Benzyl Alcohol	7.004	79	273547	42.588	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.134	45	492845	45.606	ng	99
17) 2-Methylphenol	7.110	107	241377	40.902	ng	99
18) Hexachloroethane	7.369	117	122187	49.640	ng	98
19) n-Nitroso-di-n-propyla...	7.275	70	214800	41.052	ng	98
20) 3+4-Methylphenols	7.263	107	297070	38.696	ng	93
22) Acetophenone	7.269	105	412227	41.919	ng	93
24) Nitrobenzene	7.445	77	329309	41.545	ng	99
25) Isophorone	7.681	82	593038	41.035	ng	99
26) 2-Nitrophenol	7.757	139	164210	46.161	ng	97
27) 2,4-Dimethylphenol	7.792	122	261531	42.654	ng	97
28) bis(2-Chloroethoxy)met...	7.892	93	341452	40.879	ng	99
29) 2,4-Dichlorophenol	7.998	162	253060	42.112	ng	99
30) 1,2,4-Trichlorobenzene	8.081	180	265889	42.409	ng	97
31) Naphthalene	8.163	128	844255	40.416	ng	99
32) Benzoic acid	7.916	122	197318	51.026	ng	96
33) 4-Chloroaniline	8.210	127	91590	10.254	ng	95
34) Hexachlorobutadiene	8.275	225	170629	41.567	ng	99
35) Caprolactam	8.586	113	85039m	42.055	ng	
36) 4-Chloro-3-methylphenol	8.692	107	286043	41.296	ng	97
37) 2-Methylnaphthalene	8.851	142	572636	39.454	ng	99
38) 1-Methylnaphthalene	8.951	142	531635	39.806	ng	99
40) 1,2,4,5-Tetrachloroben...	9.022	216	270105	40.179	ng	98
41) Hexachlorocyclopentadiene	9.004	237	344087	114.856	ng	98
43) 2,4,6-Trichlorophenol	9.133	196	181745	40.457	ng	96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.175	196	199062	38.088	ng		99
46) 1,1'-Biphenyl	9.322	154	729627	40.911	ng		100
47) 2-Chloronaphthalene	9.345	162	522221	40.821	ng		100
48) 2-Nitroaniline	9.439	65	189075	40.411	ng		93
49) Acenaphthylene	9.763	152	883355	39.672	ng		99
50) Dimethylphthalate	9.622	163	639754	38.759	ng		100
51) 2,6-Dinitrotoluene	9.686	165	142106	41.711	ng	#	83
52) Acenaphthene	9.933	154	520063	39.903	ng		98
53) 3-Nitroaniline	9.851	138	95065	22.929	ng		82
54) 2,4-Dinitrophenol	9.963	184	167297	99.024	ng	#	86
55) Dibenzofuran	10.104	168	796299	40.040	ng		97
56) 4-Nitrophenol	10.022	139	227092	81.159	ng	#	79
57) 2,4-Dinitrotoluene	10.092	165	187378	43.245	ng		98
58) Fluorene	10.451	166	622412	40.925	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.222	232	170681	43.621	ng		98
60) Diethylphthalate	10.328	149	669055	39.827	ng		99
61) 4-Chlorophenyl-phenyle...	10.439	204	295962	39.419	ng		98
62) 4-Nitroaniline	10.475	138	153405	37.737	ng		96
63) Azobenzene	10.604	77	636361	40.015	ng		97
65) 4,6-Dinitro-2-methylph...	10.504	198	109928	54.519	ng		99
66) n-Nitrosodiphenylamine	10.563	169	557132	39.307	ng		98
67) 4-Bromophenyl-phenylether	10.933	248	185018	39.285	ng		98
68) Hexachlorobenzene	10.998	284	205051	41.403	ng		98
69) Atrazine	11.092	200	175019	42.558	ng		99
70) Pentachlorophenol	11.198	266	222330	74.969	ng		99
71) Phenanthrene	11.416	178	875343	40.888	ng		100
72) Anthracene	11.469	178	904521	40.521	ng		100
73) Carbazole	11.627	167	814130	39.160	ng		99
74) Di-n-butylphthalate	11.957	149	1005461	37.725	ng		100
75) Fluoranthene	12.610	202	887182	39.024	ng		99
77) Benzidine	12.733	184	220762	32.364	ng		99
78) Pyrene	12.839	202	885166	46.744	ng		100
80) Butylbenzylphthalate	13.463	149	328610	41.105	ng		95
81) Benzo(a)anthracene	14.039	228	587263	41.765	ng		99
82) 3,3'-Dichlorobenzidine	13.998	252	145230	31.067	ng	#	99
83) Chrysene	14.074	228	557120	41.891	ng		97
84) Bis(2-ethylhexyl)phtha...	14.027	149	400282	40.665	ng		100
85) Di-n-octyl phthalate	14.651	149	646064	46.187	ng		99
87) Indeno(1,2,3-cd)pyrene	17.104	276	720034	46.991	ng		100
88) Benzo(b)fluoranthene	15.110	252	550952	40.722	ng		98
89) Benzo(k)fluoranthene	15.139	252	545414	41.384	ng		99
90) Benzo(a)pyrene	15.492	252	508586	40.504	ng		98
91) Dibenzo(a,h)anthracene	17.127	278	588918	46.424	ng		100
92) Benzo(g,h,i)perylene	17.580	276	582196	46.289	ng		97

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

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