Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070124\
Data File : BF138397.D
Acq On : 01 Jul 2024 11:58
Operator : CG\JU
Sample : PB161809BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB161809BS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/03/2024

Quant Time: Jul 01 12:26:18 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 29 02:44:30 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	211026	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	871730	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	463965	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	761964	20.000	ng	0.00
76) Chrysene-d12	14.027	240	310291	20.000	ng	0.00
86) Perylene-d12	15.492	264	333992	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1522797	119.640	ng	0.02
7) Phenol-d6	6.516	99	2080301	121.329	ng	0.00
23) Nitrobenzene-d5	7.445	82	1352713	80.610	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	446804	117.870	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	2185591	74.968	ng	0.00
79) Terphenyl-d14	12.980	244	1840665	81.294	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.769	88	216007	36.029	ng	99
3) Pyridine	3.510	79	533829	37.324	ng	98
4) n-Nitrosodimethylamine	3.475	42	399050	44.721	ng	95
6) Aniline	6.540	93	502102	30.008	ng	99
8) 2-Chlorophenol	6.663	128	645612	47.249	ng	97
10) Phenol	6.534	94	801566	43.880	ng	96
11) bis(2-Chloroethyl)ether	6.616	93	643172	44.830	ng	99
12) 1,3-Dichlorobenzene	6.816	146	631421	40.352	ng	98
13) 1,4-Dichlorobenzene	6.893	146	636256	40.552	ng	98
14) 1,2-Dichlorobenzene	7.045	146	623394	43.039	ng	98
15) Benzyl Alcohol	7.022	79	578147	47.077	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.145	45	1254348	43.345	ng	94
17) 2-Methylphenol	7.134	107	503402	44.453	ng	96
18) Hexachloroethane	7.387	117	235614	41.634	ng	96
19) n-Nitroso-di-n-propyla...	7.293	70	467192	43.222	ng	97
20) 3+4-Methylphenols	7.287	107	585493	44.498	ng	97
22) Acetophenone	7.287	105	821143	41.521	ng	99
24) Nitrobenzene	7.463	77	706726	41.407	ng	97
25) Isophorone	7.698	82	1326557	42.872	ng	99
26) 2-Nitrophenol	7.775	139	340044	46.189	ng	97
27) 2,4-Dimethylphenol	7.810	122	455884	48.384	ng	99
28) bis(2-Chloroethoxy)met...	7.904	93	795705	42.723	ng	99
29) 2,4-Dichlorophenol	8.016	162	524514	43.342	ng	95
30) 1,2,4-Trichlorobenzene	8.098	180	560018	39.800	ng	99
31) Naphthalene	8.181	128	1799252	40.828	ng	99
32) Benzoic acid	7.957	122	378769	44.324	ng	97
33) 4-Chloroaniline	8.228	127	345651	22.458	ng	96
34) Hexachlorobutadiene	8.292	225	319417	37.810	ng	99
35) Caprolactam	8.610	113	180432m	47.216	ng	
36) 4-Chloro-3-methylphenol	8.716	107	565979	43.908	ng	99
37) 2-Methylnaphthalene	8.869	142	1161004	40.764	ng	99
38) 1-Methylnaphthalene	8.969	142	1079024	39.065	ng	99
40) 1,2,4,5-Tetrachloroben...	9.034	216	524336	40.857	ng	99
41) Hexachlorocyclopentadiene	9.022	237	427542	113.180	ng	98
43) 2,4,6-Trichlorophenol	9.151	196	347495	42.554	ng	99
44) 2,4,5-Trichlorophenol	9.198	196	369944	41.656	ng	96

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46) 1,1'-Biphenyl	9.334	154	1415153	40.850	ng	99
47) 2-Chloronaphthalene	9.363	162	1079311	40.862	ng	100
48) 2-Nitroaniline	9.457	65	393627	46.200	ng	97
49) Acenaphthylene	9.775	152	1663417	44.779	ng	100
50) Dimethylphthalate	9.639	163	1279303	42.903	ng	100
51) 2,6-Dinitrotoluene	9.698	165	287231	43.010	ng	97
52) Acenaphthene	9.945	154	1145184m	45.023	ng	
53) 3-Nitroaniline	9.869	138	202177	30.653	ng	97
54) 2,4-Dinitrophenol	9.975	184	256858	89.713	ng	96
55) Dibenzofuran	10.122	168	1458868	41.628	ng	99
56) 4-Nitrophenol	10.039	139	417108	97.535	ng	89
57) 2,4-Dinitrotoluene	10.104	165	362652	44.104	ng	96
58) Fluorene	10.463	166	1091074	39.181	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	300904	45.616	ng	99
60) Diethylphthalate	10.334	149	1192897	42.789	ng	100
61) 4-Chlorophenyl-phenyle...	10.451	204	548467	38.819	ng	99
62) 4-Nitroaniline	10.486	138	271549	44.854	ng	98
63) Azobenzene	10.610	77	1296346	44.030	ng	99
65) 4,6-Dinitro-2-methylph...	10.510	198	188540	46.428	ng	80
66) n-Nitrosodiphenylamine	10.575	169	980447	41.448	ng	99
67) 4-Bromophenyl-phenylether	10.939	248	333399	40.707	ng	98
68) Hexachlorobenzene	11.004	284	358007	39.659	ng	99
69) Atrazine	11.098	200	293111	44.194	ng	99
70) Pentachlorophenol	11.204	266	393836	85.958	ng	99
71) Phenanthrene	11.422	178	1573406	42.293	ng	100
72) Anthracene	11.475	178	1585527	42.736	ng	99
73) Carbazole	11.628	167	1333808	43.304	ng	100
74) Di-n-butylphthalate	11.957	149	1689797	43.289	ng	100
75) Fluoranthene	12.604	202	1430923	42.903	ng	96
77) Benzidine	12.722	184	111384	44.891	ng	98
78) Pyrene	12.833	202	1423607	42.927	ng	98
80) Butylbenzylphthalate	13.451	149	503407	49.884	ng	97
81) Benzo(a)anthracene	14.016	228	874554	43.789	ng	98
82) 3,3'-Dichlorobenzidine	13.980	252	214612	36.396	ng	99
83) Chrysene	14.057	228	875247	45.037	ng	98
84) Bis(2-ethylhexyl)phtha...	14.004	149	589740	46.599	ng	99
85) Di-n-octyl phthalate	14.616	149	937364	42.316	ng	99
87) Indeno(1,2,3-cd)pyrene	16.962	276	822456	49.009	ng	99
88) Benzo(b)fluoranthene	15.068	252	841549	45.924	ng	98
89) Benzo(k)fluoranthene	15.098	252	833489	49.381	ng	98
90) Benzo(a)pyrene	15.433	252	799148	49.754	ng	99
91) Dibenzo(a,h)anthracene	16.986	278	651399	48.088	ng	98
92) Benzo(g,h,i)perylene	17.410	276	615244	46.428	ng	96

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

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