Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062624\
Data File : BF138350.D
Acq On : 26 Jun 2024 14:15
Operator : CG\JU
Sample : PB161686BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 27 01:51:28 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 13 01:52:47 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB161686BS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 06/27/2024
Supervised By :mohammad ahmed 06/27/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.881	152	278015	20.000	ng		-0.01
21) Naphthalene-d8	8.163	136	1154797	20.000	ng		-0.01
39) Acenaphthene-d10	9.922	164	673911	20.000	ng		0.00
64) Phenanthrene-d10	11.404	188	1183347	20.000	ng		-0.01
76) Chrysene-d12	14.045	240	546707	20.000	ng		0.00
86) Perylene-d12	15.515	264	651231	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.516	112	1883488	113.330	ng		0.00
7) Phenol-d6	6.522	99	2381418	113.002	ng		0.00
23) Nitrobenzene-d5	7.451	82	1521087	76.682	ng		0.00
42) 2,4,6-Tribromophenol	10.716	330	853340	127.195	ng		0.00
45) 2-Fluorobiphenyl	9.245	172	2958150	69.800	ng		0.00
79) Terphenyl-d14	12.992	244	3157648	91.478	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.740	88	235686	30.988	ng		94
3) Pyridine	3.493	79	566058	31.315	ng		97
4) n-Nitrosodimethylamine	3.457	42	320403	38.299	ng		91
6) Aniline	6.545	93	632040	30.651	ng		98
8) 2-Chlorophenol	6.669	128	812651	45.228	ng		100
9) Benzaldehyde	6.434	77	492767	44.025	ng		100
10) Phenol	6.534	94	910586	42.577	ng		92
11) bis(2-Chloroethyl)ether	6.622	93	746310	43.601	ng		98
12) 1,3-Dichlorobenzene	6.822	146	809951	39.665	ng		100
13) 1,4-Dichlorobenzene	6.898	146	822613	40.031	ng		100
14) 1,2-Dichlorobenzene	7.051	146	792502	41.081	ng		99
15) Benzyl Alcohol	7.028	79	651813	45.872	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.151	45	915952	37.916	ng		95
17) 2-Methylphenol	7.140	107	625263	44.107	ng		98
18) Hexachloroethane	7.392	117	295209	42.404	ng		95
19) n-Nitroso-di-n-propyla...	7.298	70	503120	40.276	ng		98
20) 3+4-Methylphenols	7.292	107	717084	40.188	ng		97
22) Acetophenone	7.298	105	987078	37.417	ng	#	98
24) Nitrobenzene	7.469	77	780836	38.086	ng		95
25) Isophorone	7.704	82	1469955	40.969	ng		99
26) 2-Nitrophenol	7.781	139	447150	54.240	ng		98
27) 2,4-Dimethylphenol	7.816	122	565722	45.106	ng		98
28) bis(2-Chloroethoxy)met...	7.916	93	911217	40.570	ng		99
29) 2,4-Dichlorophenol	8.022	162	684689	42.402	ng		99
30) 1,2,4-Trichlorobenzene	8.104	180	756479	39.724	ng		98
31) Naphthalene	8.187	128	2259097	39.563	ng		99
32) Benzoic acid	7.957	122	559412	50.606	ng		100
33) 4-Chloroaniline	8.234	127	545526	25.561	ng		98
34) Hexachlorobutadiene	8.298	225	448566	40.276	ng		99
35) Caprolactam	8.616	113	248208m	50.915	ng		
36) 4-Chloro-3-methylphenol	8.722	107	751128	46.719	ng		100
37) 2-Methylnaphthalene	8.875	142	1551697	41.405	ng		99
38) 1-Methylnaphthalene	8.975	142	1469901	40.025	ng		100
40) 1,2,4,5-Tetrachloroben...	9.045	216	792327	40.234	ng		99
41) Hexachlorocyclopentadiene	9.028	237	737851	114.907	ng		99
43) 2,4,6-Trichlorophenol	9.157	196	547830	44.428	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	593525	43.831	ng		99
46) 1,1'-Biphenyl	9.345	154	1919821	38.823	ng		98
47) 2-Chloronaphthalene	9.369	162	1539140	39.383	ng		98
48) 2-Nitroaniline	9.463	65	454725	48.314	ng		95
49) Acenaphthylene	9.786	152	2361714	43.096	ng		99
50) Dimethylphthalate	9.645	163	1854745	44.919	ng		100
51) 2,6-Dinitrotoluene	9.710	165	438713	48.976	ng	#	80
52) Acenaphthene	9.957	154	1662572m	44.491	ng		
53) 3-Nitroaniline	9.875	138	325448	34.009	ng		96
54) 2,4-Dinitrophenol	9.986	184	486292	98.261	ng	#	87
55) Dibenzofuran	10.128	168	2126222	40.701	ng		99
56) 4-Nitrophenol	10.045	139	706488	93.423	ng		88
57) 2,4-Dinitrotoluene	10.110	165	586974	53.127	ng		94
58) Fluorene	10.469	166	1615683	39.337	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	491329	46.427	ng		99
60) Diethylphthalate	10.345	149	1720535	43.904	ng		99
61) 4-Chlorophenyl-phenyle...	10.463	204	823684	40.266	ng		97
62) 4-Nitroaniline	10.498	138	428348	44.801	ng		93
63) Azobenzene	10.622	77	1611221	41.038	ng		94
65) 4,6-Dinitro-2-methylph...	10.522	198	332842	54.159	ng		79
66) n-Nitrosodiphenylamine	10.580	169	1494121	41.242	ng		100
67) 4-Bromophenyl-phenylether	10.951	248	574320	43.071	ng		96
68) Hexachlorobenzene	11.016	284	648695	41.687	ng		96
69) Atrazine	11.110	200	475953	46.124	ng		99
70) Pentachlorophenol	11.210	266	730116	80.450	ng		98
71) Phenanthrene	11.433	178	2308070	39.440	ng		100
72) Anthracene	11.486	178	2393736	41.198	ng		100
73) Carbazole	11.639	167	1983359	37.217	ng		99
74) Di-n-butylphthalate	11.963	149	2522463	45.722	ng		100
75) Fluoranthene	12.616	202	2279510	38.199	ng		98
77) Benzidine	12.733	184	191599	30.299	ng		97
78) Pyrene	12.845	202	2254381	47.806	ng		99
80) Butylbenzylphthalate	13.463	149	818619	63.820	ng		99
81) Benzo(a)anthracene	14.033	228	1560769	44.499	ng		100
82) 3,3'-Dichlorobenzidine	13.992	252	448564	46.442	ng		98
83) Chrysene	14.068	228	1496425	44.761	ng		100
84) Bis(2-ethylhexyl)phtha...	14.016	149	942652	63.186	ng		97
85) Di-n-octyl phthalate	14.633	149	1623618	73.257	ng		97
87) Indeno(1,2,3-cd)pyrene	17.004	276	2161531	50.915	ng		100
88) Benzo(b)fluoranthene	15.086	252	1734657	45.169	ng		98
89) Benzo(k)fluoranthene	15.115	252	1646953	43.759	ng		99
90) Benzo(a)pyrene	15.457	252	1610800	48.823	ng		99
91) Dibenzo(a,h)anthracene	17.021	278	1734028	49.762	ng		98
92) Benzo(g,h,i)perylene	17.451	276	1557149	43.195	ng		99

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

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