Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091924\
Data File : BF139457.D
Acq On : 19 Sep 2024 11:32
Operator : RC/JU
Sample : PB163486BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 19 12:03:48 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 14 02:58:23 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB163486BS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel
09/21/2024
Supervised By :mohammad ahmed
09/22/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.881	152	78402	20.000	ng		0.00
21) Naphthalene-d8	8.163	136	297915	20.000	ng		0.00
39) Acenaphthene-d10	9.916	164	160194	20.000	ng		0.00
64) Phenanthrene-d10	11.398	188	284319	20.000	ng	#	0.00
76) Chrysene-d12	14.039	240	146056	20.000	ng		0.00
86) Perylene-d12	15.504	264	142593	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.516	112	613145	127.580	ng		0.02
7) Phenol-d6	6.516	99	813821	129.011	ng		0.01
23) Nitrobenzene-d5	7.445	82	545682	86.109	ng		0.00
42) 2,4,6-Tribromophenol	10.704	330	215406	126.304	ng		0.00
45) 2-Fluorobiphenyl	9.239	172	1003616	87.868	ng		0.00
79) Terphenyl-d14	12.980	244	903112	101.493	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.787	88	70892	36.767	ng		98
3) Pyridine	3.522	79	183320	43.122	ng		97
4) n-Nitrosodimethylamine	3.481	42	150366	40.808	ng		91
6) Aniline	6.539	93	242693	50.980	ng	#	70
8) 2-Chlorophenol	6.663	128	221886	44.851	ng		99
9) Benzaldehyde	6.428	77	54814	15.040	ng		98
10) Phenol	6.528	94	291662	45.396	ng		92
11) bis(2-Chloroethyl)ether	6.616	93	210849	43.179	ng		99
12) 1,3-Dichlorobenzene	6.822	146	234824	41.737	ng		99
13) 1,4-Dichlorobenzene	6.898	146	241877	42.542	ng		98
14) 1,2-Dichlorobenzene	7.045	146	230852	42.970	ng		98
15) Benzyl Alcohol	7.022	79	221762	44.064	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.151	45	385745	51.258	ng		97
17) 2-Methylphenol	7.134	107	179820	45.749	ng		99
18) Hexachloroethane	7.392	117	91451	42.230	ng		99
19) n-Nitroso-di-n-propyla...	7.292	70	173318	46.365	ng		100
20) 3+4-Methylphenols	7.286	107	232549	43.366	ng		92
22) Acetophenone	7.286	105	319294	40.996	ng		97
24) Nitrobenzene	7.463	77	264237	40.514	ng		99
25) Isophorone	7.698	82	452061	45.106	ng		99
26) 2-Nitrophenol	7.781	139	118039	46.453	ng		93
27) 2,4-Dimethylphenol	7.816	122	181221	54.066	ng		99
28) bis(2-Chloroethoxy)met...	7.910	93	261082	45.709	ng		98
29) 2,4-Dichlorophenol	8.022	162	185721	43.616	ng		100
30) 1,2,4-Trichlorobenzene	8.104	180	199323	40.175	ng		99
31) Naphthalene	8.186	128	657995	42.307	ng		100
32) Benzoic acid	7.933	122	119232	38.011	ng		93
33) 4-Chloroaniline	8.233	127	155278	32.635	ng		98
34) Hexachlorobutadiene	8.298	225	134246	39.827	ng		100
35) Caprolactam	8.604	113	57416m	43.834	ng		
36) 4-Chloro-3-methylphenol	8.716	107	209161	42.981	ng		96
37) 2-Methylnaphthalene	8.875	142	428660	43.422	ng		99
38) 1-Methylnaphthalene	8.975	142	397025	40.965	ng		100
40) 1,2,4,5-Tetrachloroben...	9.039	216	205379	43.259	ng		99
41) Hexachlorocyclopentadiene	9.028	237	250266	150.974	ng		100
43) 2,4,6-Trichlorophenol	9.151	196	142550	46.151	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	141249	43.352	ng	99
46) 1,1'-Biphenyl	9.339	154	529399	42.956	ng	99
47) 2-Chloronaphthalene	9.363	162	396201	42.996	ng	99
48) 2-Nitroaniline	9.457	65	151897	44.319	ng	99
49) Acenaphthylene	9.780	152	654538	47.188	ng	100
50) Dimethylphthalate	9.639	163	470941	44.791	ng	99
51) 2,6-Dinitrotoluene	9.698	165	101722	43.672	ng	99
52) Acenaphthene	9.951	154	472499	48.807	ng	100
53) 3-Nitroaniline	9.869	138	77788	33.417	ng	93
54) 2,4-Dinitrophenol	9.975	184	115246	88.795	ng	93
55) Dibenzofuran	10.122	168	592920	43.942	ng	97
56) 4-Nitrophenol	10.033	139	153631	79.761	ng	88
57) 2,4-Dinitrotoluene	10.104	165	138910	44.174	ng	100
58) Fluorene	10.463	166	470401	42.727	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	121328	45.016	ng	97
60) Diethylphthalate	10.339	149	480139	44.251	ng	98
61) 4-Chlorophenyl-phenyle...	10.457	204	227262	42.475	ng	96
62) 4-Nitroaniline	10.486	138	99458	39.149	ng	93
63) Azobenzene	10.616	77	473043	44.326	ng	96
65) 4,6-Dinitro-2-methylph...	10.510	198	74758	49.819	ng	95
66) n-Nitrosodiphenylamine	10.574	169	394728	47.486	ng	100
67) 4-Bromophenyl-phenylether	10.945	248	130959	46.480	ng	99
68) Hexachlorobenzene	11.010	284	147118	44.490	ng	98
69) Atrazine	11.098	200	127657	64.508	ng	98
70) Pentachlorophenol	11.204	266	167263	84.299	ng	99
71) Phenanthrene	11.427	178	632968	46.144	ng	99
72) Anthracene	11.474	178	638066	47.576	ng	100
73) Carbazole	11.633	167	565635	44.066	ng	99
74) Di-n-butylphthalate	11.957	149	679016	47.486	ng	100
75) Fluoranthene	12.610	202	628296	42.891	ng	99
77) Benzidine	12.733	184	148478	70.955	ng	99
78) Pyrene	12.839	202	631648	50.367	ng	99
80) Butylbenzylphthalate	13.457	149	217862	51.038	ng	97
81) Benzo(a)anthracene	14.027	228	458067	47.347	ng	100
82) 3,3'-Dichlorobenzidine	13.986	252	114025	40.245	ng	99
83) Chrysene	14.062	228	417292	46.883	ng	99
84) Bis(2-ethylhexyl)phtha...	14.010	149	268150	49.380	ng	99
85) Di-n-octyl phthalate	14.627	149	409565	51.213	ng	98
87) Indeno(1,2,3-cd)pyrene	16.986	276	417402	49.228	ng	98
88) Benzo(b)fluoranthene	15.074	252	415935	47.296	ng	99
89) Benzo(k)fluoranthene	15.104	252	361589	44.594	ng	99
90) Benzo(a)pyrene	15.445	252	369436	50.653	ng	99
91) Dibenzo(a,h)anthracene	17.003	278	342890	48.940	ng	99
92) Benzo(g,h,i)perylene	17.433	276	314087	45.275	ng	97

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

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