Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091724\
Data File : BF139397.D
Acq On : 17 Sep 2024 12:34
Operator : RC/JU
Sample : PB163414BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 17 13:01:33 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 :
PB163414BS

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 09/18/2024
Supervised By :mohammad ahmed 09/19/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.881	152	67726	20.000	ng		0.00
21) Naphthalene-d8	8.163	136	255636	20.000	ng		0.00
39) Acenaphthene-d10	9.916	164	143509	20.000	ng		0.00
64) Phenanthrene-d10	11.398	188	269967	20.000	ng		0.00
76) Chrysene-d12	14.039	240	148691	20.000	ng		0.00
86) Perylene-d12	15.504	264	116282	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.510	112	534614	128.775	ng		0.02
7) Phenol-d6	6.516	99	700348	128.524	ng		0.01
23) Nitrobenzene-d5	7.445	82	484585	89.115	ng		0.00
42) 2,4,6-Tribromophenol	10.710	330	211337	138.325	ng		0.01
45) 2-Fluorobiphenyl	9.239	172	911997	89.130	ng		0.00
79) Terphenyl-d14	12.986	244	1006463	111.103	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.763	88	56928	34.179	ng		99
3) Pyridine	3.504	79	150704	41.038	ng		97
4) n-Nitrosodimethylamine	3.463	42	136262	42.810	ng		98
6) Aniline	6.540	93	198908	48.369	ng	#	61
8) 2-Chlorophenol	6.663	128	202445	47.372	ng		99
9) Benzaldehyde	6.428	77	42311	13.439	ng		99
10) Phenol	6.528	94	261571	47.131	ng		89
11) bis(2-Chloroethyl)ether	6.616	93	189142	44.839	ng		100
12) 1,3-Dichlorobenzene	6.822	146	213027	43.832	ng		99
13) 1,4-Dichlorobenzene	6.898	146	217319	44.248	ng		100
14) 1,2-Dichlorobenzene	7.045	146	207616	44.737	ng		99
15) Benzyl Alcohol	7.022	79	209008	48.076	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.151	45	338138	52.014	ng		95
17) 2-Methylphenol	7.134	107	161568	47.585	ng		99
18) Hexachloroethane	7.392	117	84432	45.135	ng		97
19) n-Nitroso-di-n-propyla...	7.292	70	161792	50.104	ng		98
20) 3+4-Methylphenols	7.287	107	218057	47.073	ng		93
22) Acetophenone	7.292	105	297939	44.581	ng		99
24) Nitrobenzene	7.463	77	245497	43.865	ng		100
25) Isophorone	7.704	82	419868	48.823	ng		100
26) 2-Nitrophenol	7.781	139	105684	48.470	ng		98
27) 2,4-Dimethylphenol	7.816	122	165341	57.487	ng		99
28) bis(2-Chloroethoxy)met...	7.910	93	235874	48.125	ng		98
29) 2,4-Dichlorophenol	8.022	162	172087	47.098	ng		99
30) 1,2,4-Trichlorobenzene	8.104	180	185880	43.662	ng		99
31) Naphthalene	8.186	128	609649	45.681	ng		100
32) Benzoic acid	7.939	122	121692	45.212	ng		97
33) 4-Chloroaniline	8.228	127	100592	24.638	ng		97
34) Hexachlorobutadiene	8.298	225	126371	43.691	ng		98
35) Caprolactam	8.604	113	54243m	48.261	ng		
36) 4-Chloro-3-methylphenol	8.716	107	196396	47.032	ng		98
37) 2-Methylnaphthalene	8.875	142	399694	47.184	ng		100
38) 1-Methylnaphthalene	8.975	142	370515	44.552	ng		99
40) 1,2,4,5-Tetrachloroben...	9.039	216	195268	45.911	ng		98
41) Hexachlorocyclopentadiene	9.028	237	268606	180.877	ng		99
43) 2,4,6-Trichlorophenol	9.151	196	133343	48.189	ng		99

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44)	2,4,5-Trichlorophenol	9.198	196	136190	46.659	ng	98
46)	1,1'-Biphenyl	9.339	154	498693	45.169	ng	100
47)	2-Chloronaphthalene	9.363	162	371538	45.008	ng	99
48)	2-Nitroaniline	9.457	65	141844	46.197	ng	97
49)	Acenaphthylene	9.780	152	611893	49.242	ng	100
50)	Dimethylphthalate	9.639	163	455242	48.332	ng	100
51)	2,6-Dinitrotoluene	9.704	165	97170	46.568	ng	96
52)	Acenaphthene	9.951	154	462073	53.280	ng	100
53)	3-Nitroaniline	9.869	138	65897	31.600	ng	95
54)	2,4-Dinitrophenol	9.980	184	124916	107.435	ng	93
55)	Dibenzofuran	10.122	168	564147	46.670	ng	99
56)	4-Nitrophenol	10.033	139	165793	96.083	ng	92
57)	2,4-Dinitrotoluene	10.104	165	137851	48.934	ng	99
58)	Fluorene	10.463	166	458215	46.459	ng	99
59)	2,3,4,6-Tetrachlorophenol	10.239	232	120910	50.076	ng	98
60)	Diethylphthalate	10.339	149	476279	48.999	ng	99
61)	4-Chlorophenyl-phenyle...	10.457	204	220783	46.062	ng	98
62)	4-Nitroaniline	10.486	138	97665	42.912	ng	98
63)	Azobenzene	10.616	77	459164	48.028	ng	98
65)	4,6-Dinitro-2-methylph...	10.516	198	76117	53.421	ng	94
66)	n-Nitrosodiphenylamine	10.575	169	387624	49.110	ng	98
67)	4-Bromophenyl-phenylether	10.945	248	131248	49.059	ng	99
68)	Hexachlorobenzene	11.010	284	148694	47.358	ng	99
69)	Atrazine	11.104	200	130942	69.685	ng	98
70)	Pentachlorophenol	11.204	266	188578	100.094	ng	97
71)	Phenanthrene	11.427	178	639112	49.069	ng	100
72)	Anthracene	11.480	178	647165	50.819	ng	99
73)	Carbazole	11.633	167	591370	48.520	ng	99
74)	Di-n-butylphthalate	11.957	149	729948	53.762	ng	100
75)	Fluoranthene	12.610	202	686722	49.371	ng	98
77)	Benzidine	12.733	184	165286	77.588	ng	99
78)	Pyrene	12.839	202	703072	55.069	ng	100
80)	Butylbenzylphthalate	13.457	149	265682	61.137	ng	98
81)	Benzo(a)anthracene	14.027	228	495776	50.336	ng	100
82)	3,3'-Dichlorobenzidine	13.986	252	88273	30.604	ng	99
83)	Chrysene	14.063	228	436691	48.193	ng	99
84)	Bis(2-ethylhexyl)phtha...	14.010	149	336757	60.916	ng	100
85)	Di-n-octyl phthalate	14.627	149	439958	54.039	ng	99
87)	Indeno(1,2,3-cd)pyrene	16.980	276	377660	54.619	ng	100
88)	Benzo(b)fluoranthene	15.074	252	330703	46.113	ng	100
89)	Benzo(k)fluoranthene	15.104	252	335108	50.679	ng	99
90)	Benzo(a)pyrene	15.439	252	313256	52.668	ng	99
91)	Dibenzo(a,h)anthracene	16.998	278	306515	53.647	ng	99
92)	Benzo(g,h,i)perylene	17.427	276	283693	50.147	ng	99

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

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