Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071524\
Data File : BF138566.D
Acq On : 15 Jul 2024 13:27
Operator : CG\JU
Sample : PB162035BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 15 13:57:14 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 09 16:58:40 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB162035BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel
07/16/2024
Supervised By :mohammad ahmed
07/16/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.869	152	152430	20.000	ng		0.00
21) Naphthalene-d8	8.151	136	635277	20.000	ng		0.00
39) Acenaphthene-d10	9.910	164	358658	20.000	ng		0.00
64) Phenanthrene-d10	11.392	188	630399	20.000	ng		0.00
76) Chrysene-d12	14.033	240	327841	20.000	ng		0.00
86) Perylene-d12	15.498	264	297425	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.510	112	1164580	121.000	ng		0.02
7) Phenol-d6	6.516	99	1521215	118.812	ng		0.01
23) Nitrobenzene-d5	7.440	82	1018400	78.708	ng		0.00
42) 2,4,6-Tribromophenol	10.704	330	403983	120.519	ng		0.01
45) 2-Fluorobiphenyl	9.234	172	1720430	74.970	ng		0.00
79) Terphenyl-d14	12.980	244	1800469	89.469	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.740	88	122812	28.811	ng		99
3) Pyridine	3.493	79	315260	29.990	ng		98
4) n-Nitrosodimethylamine	3.457	42	277188	40.506	ng		94
6) Aniline	6.534	93	318993	26.600	ng	#	1
8) 2-Chlorophenol	6.657	128	461191	45.317	ng		96
9) Benzaldehyde	6.416	77	89610	13.076	ng		98
10) Phenol	6.528	94	571981	42.088	ng		92
11) bis(2-Chloroethyl)ether	6.610	93	446518	43.639	ng		99
12) 1,3-Dichlorobenzene	6.810	146	459072	40.131	ng		98
13) 1,4-Dichlorobenzene	6.887	146	464453	39.982	ng		99
14) 1,2-Dichlorobenzene	7.040	146	451199	41.703	ng		99
15) Benzyl Alcohol	7.016	79	433825	45.149	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.140	45	836698	41.582	ng		85
17) 2-Methylphenol	7.134	107	362302	43.438	ng	#	91
18) Hexachloroethane	7.381	117	175442	41.082	ng		99
19) n-Nitroso-di-n-propyla...	7.292	70	344029	43.486	ng		95
20) 3+4-Methylphenols	7.287	107	442851	42.164	ng	#	85
22) Acetophenone	7.281	105	626376	40.597	ng	#	95
24) Nitrobenzene	7.457	77	510825	38.849	ng		96
25) Isophorone	7.692	82	948326	42.678	ng		99
26) 2-Nitrophenol	7.769	139	251323	44.595	ng		93
27) 2,4-Dimethylphenol	7.810	122	317051	45.774	ng		98
28) bis(2-Chloroethoxy)met...	7.904	93	559552	42.136	ng		98
29) 2,4-Dichlorophenol	8.016	162	373358	41.509	ng		98
30) 1,2,4-Trichlorobenzene	8.092	180	423936	40.459	ng		98
31) Naphthalene	8.175	128	1315806	39.825	ng		99
32) Benzoic acid	7.969	122	274104	41.491	ng		96
33) 4-Chloroaniline	8.222	127	299061	25.798	ng		99
34) Hexachlorobutadiene	8.287	225	251390	38.961	ng		99
35) Caprolactam	8.622	113	121161m	41.744	ng		
36) 4-Chloro-3-methylphenol	8.716	107	419775	41.686	ng		99
37) 2-Methylnaphthalene	8.863	142	856780	40.297	ng		99
38) 1-Methylnaphthalene	8.963	142	788334	37.991	ng		98
40) 1,2,4,5-Tetrachloroben...	9.034	216	402560	40.272	ng		99
41) Hexachlorocyclopentadiene	9.016	237	327176	100.839	ng		99
43) 2,4,6-Trichlorophenol	9.145	196	263326	41.298	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	274925	39.202	ng	#	91
46) 1,1'-Biphenyl	9.334	154	1076636	39.610	ng		100
47) 2-Chloronaphthalene	9.357	162	812303	39.559	ng		100
48) 2-Nitroaniline	9.457	65	298609	41.965	ng		96
49) Acenaphthylene	9.775	152	1246164	42.745	ng		100
50) Dimethylphthalate	9.639	163	990550	42.712	ng		99
51) 2,6-Dinitrotoluene	9.698	165	217251	40.685	ng		87
52) Acenaphthene	9.945	154	753352	38.875	ng		99
53) 3-Nitroaniline	9.869	138	160203	29.272	ng		96
54) 2,4-Dinitrophenol	9.981	184	245239	85.249	ng		92
55) Dibenzofuran	10.116	168	1136090	40.418	ng		100
56) 4-Nitrophenol	10.045	139	323996	80.232	ng		100
57) 2,4-Dinitrotoluene	10.104	165	288910	41.817	ng		96
58) Fluorene	10.457	166	896588	40.313	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	240018	43.365	ng		97
60) Diethylphthalate	10.333	149	945413	42.286	ng		100
61) 4-Chlorophenyl-phenyle...	10.445	204	453134	40.574	ng		95
62) 4-Nitroaniline	10.492	138	217745	39.704	ng		94
63) Azobenzene	10.610	77	1001194	41.652	ng		99
65) 4,6-Dinitro-2-methylph...	10.516	198	176464	48.479	ng		89
66) n-Nitrosodiphenylamine	10.569	169	789664	41.810	ng		98
67) 4-Bromophenyl-phenylether	10.939	248	272666	42.082	ng		95
68) Hexachlorobenzene	11.004	284	297300	41.303	ng		98
69) Atrazine	11.098	200	229799	36.698	ng		98
70) Pentachlorophenol	11.204	266	336183	78.930	ng		96
71) Phenanthrene	11.422	178	1323028	41.542	ng		99
72) Anthracene	11.475	178	1326150	41.947	ng		99
73) Carbazole	11.627	167	1154654	40.641	ng		100
74) Di-n-butylphthalate	11.951	149	1452565	44.355	ng		100
75) Fluoranthene	12.610	202	1294762	39.842	ng		100
77) Benzidine	12.722	184	81242	9.822	ng		99
78) Pyrene	12.833	202	1321627	39.712	ng		99
80) Butylbenzylphthalate	13.445	149	491637	49.108	ng		98
81) Benzo(a)anthracene	14.021	228	946188	43.012	ng		100
82) 3,3'-Dichlorobenzidine	13.980	252	228047	40.231	ng	#	97
83) Chrysene	14.057	228	885992	42.575	ng		100
84) Bis(2-ethylhexyl)phtha...	14.004	149	604570	56.622	ng	#	99
85) Di-n-octyl phthalate	14.616	149	925785	54.886	ng		100
87) Indeno(1,2,3-cd)pyrene	16.980	276	959037	48.004	ng		99
88) Benzo(b)fluoranthene	15.068	252	816467	48.744	ng		99
89) Benzo(k)fluoranthene	15.104	252	733028	44.871	ng		99
90) Benzo(a)pyrene	15.439	252	716424	48.689	ng		98
91) Dibenzo(a,h)anthracene	17.004	278	784527	48.006	ng		100
92) Benzo(g,h,i)perylene	17.433	276	853483	49.251	ng		96

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

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