Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111622\
Data File : BF131266.D
Acq On : 16 Nov 2022 15:35
Operator : CG\JU
Sample : PB148901BSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Nov 16 22:15:42 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 16 06:35:36 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB148901BSD

Manual Integrations APPROVED
Reviewed By :Christian Giraldo

11/17/2022
Supervised By :mohammad ahmed

11/17/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.975	152	100881	20.000	ng	0.00
21) Naphthalene-d8	8.269	136	368951	20.000	ng	0.00
39) Acenaphthene-d10	10.033	164	205805	20.000	ng	0.00
64) Phenanthrene-d10	11.527	188	378372	20.000	ng	0.00
76) Chrysene-d12	14.186	240	258062	20.000	ng	0.00
86) Perylene-d12	15.727	264	190977	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.598	112	773013	135.686	ng	0.02
7) Phenol-d6	6.592	99	968170	134.175	ng	0.00
23) Nitrobenzene-d5	7.545	82	625639	95.181	ng	0.00
42) 2,4,6-Tribromophenol	10.827	330	280418	142.643	ng	0.00
45) 2-Fluorobiphenyl	9.351	172	1146419	81.518	ng	0.00
79) Terphenyl-d14	13.127	244	1348884	89.761	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.893	88	99310	38.048	ng	99
3) Pyridine	3.634	79	258749	35.073	ng	98
4) n-Nitrosodimethylamine	3.610	42	191389	44.508	ng	95
6) Aniline	6.639	93	274616m	30.341	ng	
8) 2-Chlorophenol	6.757	128	284806	44.472	ng	98
9) Benzaldehyde	6.522	77	78011	14.904	ng	97
10) Phenol	6.610	94	344538	42.682	ng	99
11) bis(2-Chloroethyl)ether	6.710	93	269382	42.621	ng	99
12) 1,3-Dichlorobenzene	6.916	146	300553	41.483	ng	99
13) 1,4-Dichlorobenzene	6.992	146	304156	41.510	ng	98
14) 1,2-Dichlorobenzene	7.145	146	291849	43.095	ng	99
15) Benzyl Alcohol	7.116	79	266660	42.545	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.251	45	507344	42.617	ng	100
17) 2-Methylphenol	7.222	107	232825	42.585	ng	98
18) Hexachloroethane	7.492	117	115103	43.211	ng	95
19) n-Nitroso-di-n-propyla...	7.392	70	211449	42.054	ng	98
20) 3+4-Methylphenols	7.375	107	294434m	41.634	ng	
22) Acetophenone	7.386	105	409467	42.576	ng	99
24) Nitrobenzene	7.563	77	324006	45.660	ng	99
25) Isophorone	7.804	82	571913	43.552	ng	100
26) 2-Nitrophenol	7.881	139	131700	46.467	ng	98
27) 2,4-Dimethylphenol	7.910	122	263283	48.983	ng	99
28) bis(2-Chloroethoxy)met...	8.010	93	326898	44.154	ng	98
29) 2,4-Dichlorophenol	8.116	162	241702	41.582	ng	98
30) 1,2,4-Trichlorobenzene	8.204	180	272634	40.004	ng	99
31) Naphthalene	8.286	128	793894	39.716	ng	98
32) Benzoic acid	8.033	122	176257	45.730	ng	95
33) 4-Chloroaniline	8.333	127	122281	15.540	ng	95
34) Hexachlorobutadiene	8.404	225	176165	40.842	ng	98
35) Caprolactam	8.710	113	76108m	44.306	ng	
36) 4-Chloro-3-methylphenol	8.810	107	263769	43.110	ng	95
37) 2-Methylnaphthalene	8.986	142	533644	40.085	ng	99
38) 1-Methylnaphthalene	9.086	142	502640	38.937	ng	99
40) 1,2,4,5-Tetrachloroben...	9.145	216	276951	41.795	ng	98
41) Hexachlorocyclopentadiene	9.133	237	331984	97.749	ng	96
43) 2,4,6-Trichlorophenol	9.257	196	185153	42.739	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.298	196	190825	41.047	ng	98
46) 1,1'-Biphenyl	9.451	154	656557	41.499	ng	100
47) 2-Chloronaphthalene	9.475	162	516692	40.315	ng	100
48) 2-Nitroaniline	9.569	65	185707	45.395	ng	95
49) Acenaphthylene	9.898	152	797957	40.772	ng	100
50) Dimethylphthalate	9.757	163	602718	40.898	ng	99
51) 2,6-Dinitrotoluene	9.816	165	128889	44.797	ng	94
52) Acenaphthene	10.069	154	552114	45.195	ng	98
53) 3-Nitroaniline	9.986	138	80384	27.289	ng	93
54) 2,4-Dinitrophenol	10.092	184	110962	83.371	ng	95
55) Dibenzofuran	10.245	168	711260	40.637	ng	98
56) 4-Nitrophenol	10.139	139	200393	86.423	ng	90
57) 2,4-Dinitrotoluene	10.222	165	167125	46.694	ng	94
58) Fluorene	10.586	166	551492	40.042	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.351	232	166281	42.221	ng	98
60) Diethylphthalate	10.457	149	569332	40.869	ng	99
61) 4-Chlorophenyl-phenyle...	10.575	204	279231	41.001	ng	99
62) 4-Nitroaniline	10.610	138	124402	41.200	ng	96
63) Azobenzene	10.739	77	587002	40.247	ng	99
65) 4,6-Dinitro-2-methylph...	10.627	198	67365	40.983	ng	84
66) n-Nitrosodiphenylamine	10.698	169	489285	40.702	ng	99
67) 4-Bromophenyl-phenylether	11.074	248	184962	41.634	ng	91
68) Hexachlorobenzene	11.133	284	199157	41.365	ng	97
69) Atrazine	11.227	200	162806	41.318	ng	96
70) Pentachlorophenol	11.327	266	241885	86.075	ng	99
71) Phenanthrene	11.557	178	835523	40.012	ng	99
72) Anthracene	11.610	178	841914	41.273	ng	100
73) Carbazole	11.763	167	750876	41.123	ng	99
74) Di-n-butylphthalate	12.092	149	844651	39.748	ng	100
75) Fluoranthene	12.751	202	933327	40.527	ng	100
77) Benzidine	12.868	184	193763	35.037	ng	99
78) Pyrene	12.986	202	948779	42.650	ng	99
80) Butylbenzylphthalate	13.604	149	332746	44.137	ng	98
81) Benzo(a)anthracene	14.180	228	729091	40.652	ng	100
82) 3,3'-Dichlorobenzidine	14.139	252	172357	32.843	ng	99
83) Chrysene	14.215	228	691061	39.553	ng	100
84) Bis(2-ethylhexyl)phtha...	14.163	149	398696	42.050	ng	98
85) Di-n-octyl phthalate	14.792	149	545743	40.731	ng	99
87) Indeno(1,2,3-cd)pyrene	17.321	276	590157	46.777	ng	99
88) Benzo(b)fluoranthene	15.268	252	579173	43.436	ng	99
89) Benzo(k)fluoranthene	15.304	252	556903	42.131	ng	100
90) Benzo(a)pyrene	15.662	252	487656	45.752	ng	99
91) Dibenzo(a,h)anthracene	17.345	278	496292	47.946	ng	98
92) Benzo(g,h,i)perylene	17.809	276	505851	44.005	ng	97

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

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