Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111522\
Data File : BF131246.D
Acq On : 15 Nov 2022 22:44
Operator : CG\JU
Sample : PB148948BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Nov 16 07:04:29 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 :
PB148948BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.975	152	97638	20.000	ng	0.00
21) Naphthalene-d8	8.269	136	379881	20.000	ng	0.00
39) Acenaphthene-d10	10.033	164	222045	20.000	ng	0.00
64) Phenanthrene-d10	11.527	188	402863	20.000	ng	0.00
76) Chrysene-d12	14.192	240	290870	20.000	ng	# 0.00
86) Perylene-d12	15.733	264	215943	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.593	112	710600	128.874	ng	0.02
7) Phenol-d6	6.592	99	881215	126.180	ng	0.00
23) Nitrobenzene-d5	7.545	82	565388	83.540	ng	0.00
42) 2,4,6-Tribromophenol	10.828	330	255969	120.683	ng	0.00
45) 2-Fluorobiphenyl	9.351	172	1063381	70.083	ng	0.00
79) Terphenyl-d14	13.127	244	1287809	76.031	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.887	88	91767	36.326	ng	97
3) Pyridine	3.628	79	244964	34.307	ng	96
4) n-Nitrosodimethylamine	3.599	42	180406	43.348	ng	99
6) Aniline	6.640	93	328787m	37.533	ng	
8) 2-Chlorophenol	6.757	128	274362	44.264	ng	98
9) Benzaldehyde	6.528	77	136541	26.953	ng	94
10) Phenol	6.604	94	334468	42.811	ng	94
11) bis(2-Chloroethyl)ether	6.710	93	261122	42.687	ng	99
12) 1,3-Dichlorobenzene	6.916	146	293887	41.911	ng	99
13) 1,4-Dichlorobenzene	6.992	146	293276	41.355	ng	100
14) 1,2-Dichlorobenzene	7.145	146	284179	43.356	ng	98
15) Benzyl Alcohol	7.116	79	238674m	39.344	ng	
16) 2,2'-oxybis(1-Chloropr...	7.251	45	500482	43.437	ng	98
17) 2-Methylphenol	7.216	107	227470	42.987	ng	98
18) Hexachloroethane	7.492	117	112788	43.748	ng	97
19) n-Nitroso-di-n-propyla...	7.392	70	205007	42.127	ng	100
20) 3+4-Methylphenols	7.375	107	282907	41.333	ng	93
22) Acetophenone	7.387	105	395610	39.951	ng	98
24) Nitrobenzene	7.563	77	307553	42.095	ng	99
25) Isophorone	7.804	82	559719	41.397	ng	99
26) 2-Nitrophenol	7.881	139	122175	42.305	ng	98
27) 2,4-Dimethylphenol	7.910	122	252917	45.700	ng	99
28) bis(2-Chloroethoxy)met...	8.010	93	320468	42.040	ng	99
29) 2,4-Dichlorophenol	8.116	162	234998	39.265	ng	99
30) 1,2,4-Trichlorobenzene	8.204	180	267690	38.149	ng	98
31) Naphthalene	8.292	128	770101	37.418	ng	99
32) Benzoic acid	8.028	122	158983	40.825	ng	92
33) 4-Chloroaniline	8.334	127	210927	26.034	ng	97
34) Hexachlorobutadiene	8.404	225	167446	37.703	ng	96
35) Caprolactam	8.704	113	75065m	42.442	ng	
36) 4-Chloro-3-methylphenol	8.810	107	250660	39.789	ng	95
37) 2-Methylnaphthalene	8.986	142	518428	37.822	ng	100
38) 1-Methylnaphthalene	9.086	142	488155	36.727	ng	99
40) 1,2,4,5-Tetrachloroben...	9.151	216	266337	37.254	ng	99
41) Hexachlorocyclopentadiene	9.133	237	338730	92.441	ng	97
43) 2,4,6-Trichlorophenol	9.257	196	170217	36.417	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.298	196	188066	37.494	ng		96
46) 1,1'-Biphenyl	9.451	154	641511	37.582	ng		99
47) 2-Chloronaphthalene	9.475	162	502302	36.325	ng		100
48) 2-Nitroaniline	9.569	65	176321	40.436	ng		97
49) Acenaphthylene	9.898	152	778010	36.845	ng		99
50) Dimethylphthalate	9.757	163	592171	37.243	ng		99
51) 2,6-Dinitrotoluene	9.816	165	123905	40.239	ng		93
52) Acenaphthene	10.069	154	530880	40.278	ng		99
53) 3-Nitroaniline	9.986	138	89024	27.939	ng		96
54) 2,4-Dinitrophenol	10.086	184	111285	79.129	ng	#	82
55) Dibenzofuran	10.245	168	692187	36.655	ng		96
56) 4-Nitrophenol	10.139	139	196379	78.497	ng		97
57) 2,4-Dinitrotoluene	10.222	165	161936	42.367	ng		90
58) Fluorene	10.586	166	534607	35.977	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.351	232	162915	38.340	ng		99
60) Diethylphthalate	10.457	149	560726	37.308	ng		99
61) 4-Chlorophenyl-phenyle...	10.580	204	271310	36.925	ng		95
62) 4-Nitroaniline	10.604	138	124603	38.454	ng		96
63) Azobenzene	10.739	77	572434	36.378	ng		100
65) 4,6-Dinitro-2-methylph...	10.628	198	69302	39.870	ng		91
66) n-Nitrosodiphenylamine	10.698	169	474902	37.104	ng		99
67) 4-Bromophenyl-phenylether	11.075	248	180980	38.261	ng		91
68) Hexachlorobenzene	11.133	284	195574	38.152	ng		99
69) Atrazine	11.227	200	168070	40.061	ng		99
70) Pentachlorophenol	11.327	266	236049	78.892	ng		100
71) Phenanthrene	11.557	178	813991	36.611	ng		99
72) Anthracene	11.610	178	831372	38.278	ng		99
73) Carbazole	11.763	167	754765	38.823	ng		99
74) Di-n-butylphthalate	12.092	149	854159	37.751	ng		99
75) Fluoranthene	12.751	202	923660	37.669	ng		100
77) Benzidine	12.874	184	372404	59.745	ng		99
78) Pyrene	12.986	202	938328	37.423	ng		99
80) Butylbenzylphthalate	13.604	149	344047	40.488	ng		99
81) Benzo(a)anthracene	14.180	228	743199	36.765	ng		100
82) 3,3'-Dichlorobenzidine	14.139	252	194345	32.856	ng		96
83) Chrysene	14.216	228	708837	35.994	ng		100
84) Bis(2-ethylhexyl)phtha...	14.163	149	437578	40.945	ng		99
85) Di-n-octyl phthalate	14.798	149	626307	41.471	ng		99
87) Indeno(1,2,3-cd)pyrene	17.315	276	581309	40.748	ng		99
88) Benzo(b)fluoranthene	15.268	252	604148	40.071	ng		100
89) Benzo(k)fluoranthene	15.304	252	573299	38.357	ng		100
90) Benzo(a)pyrene	15.668	252	510481	42.356	ng		100
91) Dibenzo(a,h)anthracene	17.345	278	485631	41.492	ng		97
92) Benzo(g,h,i)perylene	17.804	276	488170	38.065	ng		99

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

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