Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013125\
Data File : BF141345.D
Acq On : 31 Jan 2025 21:23
Operator : RC/JU
Sample : Q1239-10MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
357MS

Quant Time: Jan 31 22:32:42 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 29 17:41:25 2025
Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.798	152	151192	20.000	ng		0.00
21) Naphthalene-d8	8.080	136	601644	20.000	ng		0.00
39) Acenaphthene-d10	9.839	164	313664	20.000	ng		0.00
64) Phenanthrene-d10	11.321	188	473142	20.000	ng		0.00
76) Chrysene-d12	13.968	240	293043	20.000	ng		0.00
86) Perylene-d12	15.427	264	307605	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.422	112	787627	79.976	ng		0.01
7) Phenol-d6	6.439	99	981320	78.328	ng		0.00
23) Nitrobenzene-d5	7.363	82	619406	54.273	ng		0.00
42) 2,4,6-Tribromophenol	10.627	330	231727	80.585	ng		0.00
45) 2-Fluorobiphenyl	9.157	172	1083777	53.182	ng		0.00
79) Terphenyl-d14	12.910	244	874602	46.027	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.575	88	165733	38.264	ng		99
3) Pyridine	3.298	79	384595	36.854	ng		99
4) n-Nitrosodimethylamine	3.245	42	227306	38.129	ng		99
6) Aniline	6.463	93	336670	31.746	ng	#	45
8) 2-Chlorophenol	6.592	128	404289	38.301	ng		96
9) Benzaldehyde	6.351	77	317142	43.702	ng		98
10) Phenol	6.457	94	493779	37.180	ng	#	74
11) bis(2-Chloroethyl)ether	6.533	93	388205	38.123	ng		98
12) 1,3-Dichlorobenzene	6.739	146	414966	35.654	ng		99
13) 1,4-Dichlorobenzene	6.816	146	424165	36.277	ng		99
14) 1,2-Dichlorobenzene	6.969	146	404969	36.989	ng		99
15) Benzyl Alcohol	6.945	79	346393	40.458	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.075	45	658459	37.186	ng		60
17) 2-Methylphenol	7.069	107	314785	36.693	ng	#	89
18) Hexachloroethane	7.310	117	157921	36.612	ng		98
19) n-Nitroso-di-n-propyla...	7.216	70	283547	38.089	ng		97
20) 3+4-Methylphenols	7.222	107	411800	39.094	ng	#	74
22) Acetophenone	7.210	105	603872	42.226	ng	#	95
24) Nitrobenzene	7.380	77	423464	35.804	ng		100
25) Isophorone	7.622	82	750009	38.017	ng		99
26) 2-Nitrophenol	7.698	139	213106	38.205	ng		100
27) 2,4-Dimethylphenol	7.745	122	341777m	48.140	ng		
28) bis(2-Chloroethoxy)met...	7.833	93	471410	37.461	ng		99
29) 2,4-Dichlorophenol	7.951	162	330540	38.030	ng		99
30) 1,2,4-Trichlorobenzene	8.022	180	346729	34.931	ng		100
31) Naphthalene	8.104	128	1142619	35.950	ng		100
32) Benzoic acid	7.869	122	268361	41.118	ng		99
33) 4-Chloroaniline	8.151	127	94625	8.780	ng		99
34) Hexachlorobutadiene	8.222	225	207482	35.644	ng		99
35) Caprolactam	8.522	113	119199m	41.992	ng		
36) 4-Chloro-3-methylphenol	8.651	107	344306	36.931	ng		99
37) 2-Methylnaphthalene	8.792	142	719070	35.596	ng		99
38) 1-Methylnaphthalene	8.892	142	691309	34.838	ng		99
40) 1,2,4,5-Tetrachloroben...	8.963	216	364026	40.795	ng		98
41) Hexachlorocyclopentadiene	8.945	237	361996	137.363	ng		99
43) 2,4,6-Trichlorophenol	9.074	196	226989	38.863	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.133	196	239509	37.677	ng	98
46) 1,1'-Biphenyl	9.257	154	1024211	41.869	ng	100
47) 2-Chloronaphthalene	9.280	162	688178	36.093	ng	99
48) 2-Nitroaniline	9.380	65	229753	38.310	ng	97
49) Acenaphthylene	9.698	152	1062919	39.825	ng	99
50) Dimethylphthalate	9.563	163	818537	38.638	ng	99
51) 2,6-Dinitrotoluene	9.621	165	179980	36.590	ng	99
52) Acenaphthene	9.869	154	791404	41.505	ng	100
53) 3-Nitroaniline	9.792	138	109113	22.633	ng	100
54) 2,4-Dinitrophenol	9.904	184	212958	93.135	ng	99
55) Dibenzofuran	10.045	168	939171	36.797	ng	99
56) 4-Nitrophenol	9.974	139	239854	68.029	ng	96
57) 2,4-Dinitrotoluene	10.027	165	236895	37.198	ng	98
58) Fluorene	10.386	166	712526	35.991	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.169	232	196384	39.268	ng	100
60) Diethylphthalate	10.263	149	784853	38.209	ng	99
61) 4-Chlorophenyl-phenyle...	10.380	204	349993	36.192	ng	100
62) 4-Nitroaniline	10.410	138	161854	34.148	ng	100
63) Azobenzene	10.539	77	851960	41.435	ng	98
65) 4,6-Dinitro-2-methylph...	10.433	198	132221	47.245	ng	98
66) n-Nitrosodiphenylamine	10.498	169	642080	41.957	ng	100
67) 4-Bromophenyl-phenylether	10.868	248	217834	41.124	ng	98
68) Hexachlorobenzene	10.933	284	224609	39.975	ng	98
69) Atrazine	11.027	200	226664	44.300	ng	99
70) Pentachlorophenol	11.133	266	252064	76.609	ng	98
71) Phenanthrene	11.351	178	1014716	39.897	ng	99
72) Anthracene	11.404	178	1006998	40.409	ng	100
73) Carbazole	11.557	167	800284	36.217	ng	99
74) Di-n-butylphthalate	11.892	149	1086017	40.554	ng	100
75) Fluoranthene	12.539	202	898790	35.790	ng	100
77) Benzidine	12.662	184	354432	37.728	ng	99
78) Pyrene	12.768	202	887523	31.552	ng	100
80) Butylbenzylphthalate	13.392	149	358143	36.444	ng	99
81) Benzo(a)anthracene	13.957	228	736238	36.408	ng	99
82) 3,3'-Dichlorobenzidine	13.921	252	183871	28.589	ng	99
83) Chrysene	13.992	228	714615	38.560	ng	100
84) Bis(2-ethylhexyl)phtha...	13.951	149	472896	37.934	ng	99
85) Di-n-octyl phthalate	14.574	149	842065	43.490	ng	99
87) Indeno(1,2,3-cd)pyrene	16.868	276	608369	30.643	ng	99
88) Benzo(b)fluoranthene	15.004	252	827249	42.754	ng	99
89) Benzo(k)fluoranthene	15.033	252	648817	37.852	ng	100
90) Benzo(a)pyrene	15.368	252	688279	42.094	ng	99
91) Dibenzo(a,h)anthracene	16.892	278	491983	30.801	ng	100
92) Benzo(g,h,i)perylene	17.309	276	450156	27.104	ng	99

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

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