Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013125\
Data File : BF141347.D
Acq On : 31 Jan 2025 22:16
Operator : RC/JU
Sample : Q1205-02MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-236MS

Manual Integrations APPROVED

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

Quant Time: Feb 01 00:03:46 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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.798	152	142849	20.000	ng		0.00
21) Naphthalene-d8	8.081	136	564006	20.000	ng		0.00
39) Acenaphthene-d10	9.839	164	294756	20.000	ng		0.00
64) Phenanthrene-d10	11.327	188	431674	20.000	ng		0.00
76) Chrysene-d12	13.968	240	275611	20.000	ng		0.00
86) Perylene-d12	15.421	264	282127	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.434	112	1166028	125.313	ng		0.02
7) Phenol-d6	6.445	99	1434610	121.197	ng		0.00
23) Nitrobenzene-d5	7.363	82	954313	89.198	ng		0.00
42) 2,4,6-Tribromophenol	10.633	330	339916	125.791	ng		0.00
45) 2-Fluorobiphenyl	9.157	172	1655154	86.431	ng		0.00
79) Terphenyl-d14	12.916	244	1347557	75.403	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.687	88	145635	35.588	ng	#	83
3) Pyridine	3.387	79	232271	23.557	ng		99
4) n-Nitrosodimethylamine	3.310	42	234667	41.662	ng		99
6) Aniline	6.469	93	119203	11.897	ng	#	1
8) 2-Chlorophenol	6.592	128	446696	44.790	ng		98
9) Benzaldehyde	6.351	77	18708	2.729	ng		99
10) Phenol	6.457	94	520602	41.489	ng		92
11) bis(2-Chloroethyl)ether	6.539	93	428566	44.545	ng		98
12) 1,3-Dichlorobenzene	6.739	146	411312	37.404	ng		100
13) 1,4-Dichlorobenzene	6.816	146	411037	37.208	ng		100
14) 1,2-Dichlorobenzene	6.969	146	399916	38.660	ng		99
15) Benzyl Alcohol	6.945	79	384332	47.511	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.075	45	689709	41.226	ng		49
17) 2-Methylphenol	7.069	107	351328	43.344	ng	#	88
18) Hexachloroethane	7.310	117	155897	38.254	ng		99
19) n-Nitroso-di-n-propyla...	7.216	70	312600	44.444	ng		97
20) 3+4-Methylphenols	7.222	107	474928	47.720	ng	#	77
22) Acetophenone	7.210	105	607354	45.303	ng	#	93
24) Nitrobenzene	7.386	77	461964	41.666	ng		98
25) Isophorone	7.622	82	859945	46.499	ng		98
26) 2-Nitrophenol	7.698	139	238004	45.517	ng		98
27) 2,4-Dimethylphenol	7.745	122	366185m	55.019	ng		
28) bis(2-Chloroethoxy)met...	7.834	93	527526	44.718	ng		99
29) 2,4-Dichlorophenol	7.951	162	382994	47.005	ng		100
30) 1,2,4-Trichlorobenzene	8.022	180	367470	39.491	ng		100
31) Naphthalene	8.104	128	1255905	42.152	ng		100
32) Benzoic acid	7.875	122	294524	48.138	ng		99
33) 4-Chloroaniline	8.157	127	57067	5.648	ng		99
34) Hexachlorobutadiene	8.222	225	217440	39.847	ng		100
35) Caprolactam	8.522	113	112426m	42.249	ng		
36) 4-Chloro-3-methylphenol	8.651	107	399006	45.654	ng		98
37) 2-Methylnaphthalene	8.792	142	833174	43.997	ng		98
38) 1-Methylnaphthalene	8.892	142	780629	41.964	ng		99
40) 1,2,4,5-Tetrachloroben...	8.963	216	371956	44.357	ng		99
41) Hexachlorocyclopentadiene	8.945	237	383981	155.052	ng		99
43) 2,4,6-Trichlorophenol	9.081	196	259699	47.316	ng		100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.133	196	278164	46.565	ng	99
46) 1,1'-Biphenyl	9.263	154	1031667	44.880	ng	99
47) 2-Chloronaphthalene	9.286	162	772138	43.094	ng	99
48) 2-Nitroaniline	9.380	65	266013	47.201	ng	95
49) Acenaphthylene	9.698	152	1195542	47.667	ng	100
50) Dimethylphthalate	9.563	163	962538	48.350	ng	99
51) 2,6-Dinitrotoluene	9.628	165	207612	44.915	ng	97
52) Acenaphthene	9.875	154	902474m	50.367	ng	
53) 3-Nitroaniline	9.792	138	76661	16.922	ng	99
54) 2,4-Dinitrophenol	9.904	184	244109	113.607	ng	98
55) Dibenzofuran	10.045	168	1077353	44.919	ng	100
56) 4-Nitrophenol	9.980	139	257968	77.860	ng	97
57) 2,4-Dinitrotoluene	10.028	165	270812	45.251	ng	98
58) Fluorene	10.386	166	812642	43.681	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.169	232	228963	48.719	ng	99
60) Diethylphthalate	10.263	149	905433	46.907	ng	100
61) 4-Chlorophenyl-phenyle...	10.380	204	397038	43.690	ng	99
62) 4-Nitroaniline	10.410	138	172930	38.826	ng	99
63) Azobenzene	10.539	77	878229	45.453	ng	100
65) 4,6-Dinitro-2-methylph...	10.439	198	155826	61.028	ng	96
66) n-Nitrosodiphenylamine	10.498	169	727951	52.138	ng	100
67) 4-Bromophenyl-phenylether	10.869	248	251233	51.986	ng	98
68) Hexachlorobenzene	10.933	284	252115	49.180	ng	99
69) Atrazine	11.027	200	221530	47.456	ng	99
70) Pentachlorophenol	11.133	266	283284	94.369	ng	100
71) Phenanthrene	11.351	178	1112890	47.961	ng	100
72) Anthracene	11.404	178	1128306	49.626	ng	100
73) Carbazole	11.557	167	891423	44.216	ng	100
74) Di-n-butylphthalate	11.892	149	1223292	50.069	ng	100
75) Fluoranthene	12.539	202	975087	42.559	ng	100
77) Benzidine	12.669	184	35282	3.993	ng	99
78) Pyrene	12.769	202	980862	37.075	ng	99
80) Butylbenzylphthalate	13.392	149	413143	44.700	ng	99
81) Benzo(a)anthracene	13.957	228	834678	43.887	ng	99
82) 3,3'-Dichlorobenzidine	13.921	252	143745	23.764	ng	100
83) Chrysene	13.992	228	831201	47.688	ng	99
84) Bis(2-ethylhexyl)phtha...	13.951	149	548126	46.750	ng	99
85) Di-n-octyl phthalate	14.568	149	995798	54.682	ng	99
87) Indeno(1,2,3-cd)pyrene	16.868	276	690868	37.941	ng	100
88) Benzo(b)fluoranthene	15.004	252	858391	48.369	ng	100
89) Benzo(k)fluoranthene	15.033	252	841197	53.507	ng	100
90) Benzo(a)pyrene	15.362	252	772098	51.485	ng	99
91) Dibenzo(a,h)anthracene	16.886	278	562028	38.364	ng	98
92) Benzo(g,h,i)perylene	17.304	276	503231	33.036	ng	99

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

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