Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022525\
Data File : BF141763.D
Acq On : 25 Feb 2025 14:36
Operator : RC/JU
Sample : Q1421-03MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P001-CLAY-CF01-01MSD

Manual Integrations APPROVED
Reviewed By :Anahy Claudio 02/26/2025
Supervised By :mohammad ahmed 02/28/2025

Quant Time: Feb 25 14:56:26 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 16:58:59 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.781	152	75675	20.000	ng		-0.01
21) Naphthalene-d8	8.063	136	299933	20.000	ng		-0.01
39) Acenaphthene-d10	9.816	164	161806	20.000	ng		-0.02
64) Phenanthrene-d10	11.304	188	253973	20.000	ng		-0.01
76) Chrysene-d12	13.939	240	171769	20.000	ng		-0.02
86) Perylene-d12	15.386	264	186973	20.000	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.410	112	503086	104.223	ng		0.00
7) Phenol-d6	6.428	99	618991	101.458	ng		-0.01
23) Nitrobenzene-d5	7.346	82	390477	67.904	ng		-0.02
42) 2,4,6-Tribromophenol	10.610	330	152913	94.076	ng		-0.02
45) 2-Fluorobiphenyl	9.134	172	761811	72.536	ng		-0.02
79) Terphenyl-d14	12.886	244	725692	71.322	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.540	88	90202	46.430	ng		96
3) Pyridine	3.269	79	202708	43.847	ng		96
4) n-Nitrosodimethylamine	3.222	42	123575	40.369	ng		90
6) Aniline	6.446	93	205453	35.900	ng	#	82
8) 2-Chlorophenol	6.569	128	242733	46.538	ng		99
9) Benzaldehyde	6.334	77	93929	28.972	ng		97
10) Phenol	6.440	94	292013	45.987	ng		96
11) bis(2-Chloroethyl)ether	6.516	93	219996	46.126	ng		99
12) 1,3-Dichlorobenzene	6.722	146	256275	46.541	ng		96
13) 1,4-Dichlorobenzene	6.798	146	261559	46.492	ng		98
14) 1,2-Dichlorobenzene	6.951	146	248986	47.684	ng		99
15) Benzyl Alcohol	6.928	79	201189	43.003	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.057	45	346162	42.399	ng		69
17) 2-Methylphenol	7.046	107	186708	45.743	ng		96
18) Hexachloroethane	7.287	117	96120	46.165	ng		99
19) n-Nitroso-di-n-propyla...	7.193	70	164417	45.054	ng		95
20) 3+4-Methylphenols	7.204	107	243568	46.956	ng	#	72
22) Acetophenone	7.193	105	370440	49.650	ng		92
24) Nitrobenzene	7.363	77	248969	44.400	ng		99
25) Isophorone	7.604	82	434574	47.396	ng		98
26) 2-Nitrophenol	7.681	139	131754	47.227	ng		94
27) 2,4-Dimethylphenol	7.722	122	189959	58.286	ng		99
28) bis(2-Chloroethoxy)met...	7.816	93	271858	46.272	ng		99
29) 2,4-Dichlorophenol	7.934	162	198750	45.135	ng		100
30) 1,2,4-Trichlorobenzene	8.004	180	218056	45.473	ng		100
31) Naphthalene	8.087	128	695392	44.540	ng		100
32) Benzoic acid	7.845	122	60430	17.851	ng		95
33) 4-Chloroaniline	8.140	127	107639	19.747	ng		97
34) Hexachlorobutadiene	8.198	225	132624	46.070	ng		100
35) Caprolactam	8.504	113	61932m	46.193	ng		
36) 4-Chloro-3-methylphenol	8.634	107	209473	42.944	ng		97
37) 2-Methylnaphthalene	8.775	142	437531	43.065	ng		100
38) 1-Methylnaphthalene	8.875	142	424417	43.132	ng		98
40) 1,2,4,5-Tetrachloroben...	8.940	216	239737	51.212	ng		99
41) Hexachlorocyclopentadiene	8.928	237	211325	135.724	ng		100
43) 2,4,6-Trichlorophenol	9.057	196	135676	44.843	ng		99

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44) 2,4,5-Trichlorophenol	9.110	196	141363	43.112	ng	97
46) 1,1'-Biphenyl	9.239	154	631200	50.317	ng	100
47) 2-Chloronaphthalene	9.263	162	429181	46.266	ng	99
48) 2-Nitroaniline	9.363	65	134953	43.349	ng	96
49) Acenaphthylene	9.675	152	653459	47.361	ng	99
50) Dimethylphthalate	9.539	163	484412	44.099	ng	99
51) 2,6-Dinitrotoluene	9.604	165	108763	45.293	ng	97
52) Acenaphthene	9.851	154	408252	44.012	ng	100
53) 3-Nitroaniline	9.775	138	67035	25.937	ng	97
54) 2,4-Dinitrophenol	9.892	184	87227	61.119	ng	93
55) Dibenzofuran	10.022	168	583197	42.834	ng	99
56) 4-Nitrophenol	9.957	139	140095	73.020	ng	95
57) 2,4-Dinitrotoluene	10.016	165	142466	44.566	ng	97
58) Fluorene	10.363	166	470483	44.692	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.145	232	116359	41.218	ng	96
60) Diethylphthalate	10.239	149	465458	43.068	ng	99
61) 4-Chlorophenyl-phenyle...	10.357	204	227694	44.958	ng	97
62) 4-Nitroaniline	10.392	138	108386	41.300	ng	96
63) Azobenzene	10.516	77	502797	46.798	ng	94
65) 4,6-Dinitro-2-methylph...	10.422	198	67224	38.104	ng	97
66) n-Nitrosodiphenylamine	10.475	169	400020	49.203	ng	99
67) 4-Bromophenyl-phenylether	10.845	248	139126	49.014	ng	99
68) Hexachlorobenzene	10.916	284	145837	49.895	ng	97
69) Atrazine	11.004	200	144195	59.121	ng	98
70) Pentachlorophenol	11.116	266	133292	71.320	ng	100
71) Phenanthrene	11.328	178	663667	47.472	ng	100
72) Anthracene	11.381	178	677206	48.188	ng	100
73) Carbazole	11.539	167	575834	45.538	ng	99
74) Di-n-butylphthalate	11.863	149	679207	46.518	ng	99
75) Fluoranthene	12.516	202	645460	43.549	ng	100
77) Benzidine	12.639	184	263831	69.645	ng	99
78) Pyrene	12.745	202	649308	44.406	ng	99
80) Butylbenzylphthalate	13.357	149	241762	47.735	ng	99
81) Benzo(a)anthracene	13.933	228	546463	47.859	ng	100
82) 3,3'-Dichlorobenzidine	13.898	252	128432	39.267	ng	97
83) Chrysene	13.969	228	478435	45.380	ng	100
84) Bis(2-ethylhexyl)phtha...	13.916	149	326027	57.076	ng	100
85) Di-n-octyl phthalate	14.527	149	549852	67.475	ng	97
87) Indeno(1,2,3-cd)pyrene	16.827	276	615192	53.250	ng	99
88) Benzo(b)fluoranthene	14.969	252	506088	40.312	ng	99
89) Benzo(k)fluoranthene	14.998	252	505399	47.144	ng	98
90) Benzo(a)pyrene	15.327	252	497890	49.012	ng	99
91) Dibenzo(a,h)anthracene	16.839	278	496693	53.059	ng	98
92) Benzo(g,h,i)perylene	17.257	276	479696	48.968	ng	100

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

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