Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022525\
Data File : BF141762.D
Acq On : 25 Feb 2025 14:07
Operator : RC/JU
Sample : Q1421-02MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Feb 26 00:01:02 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

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

Manual Integrations APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.781	152	88792	20.000	ng		-0.01
21) Naphthalene-d8	8.063	136	356048	20.000	ng		-0.01
39) Acenaphthene-d10	9.816	164	194554	20.000	ng		-0.02
64) Phenanthrene-d10	11.304	188	323859	20.000	ng		-0.01
76) Chrysene-d12	13.945	240	195463	20.000	ng		-0.02
86) Perylene-d12	15.386	264	188853	20.000	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.416	112	566792	100.075	ng		0.00
7) Phenol-d6	6.428	99	707518	98.837	ng		-0.01
23) Nitrobenzene-d5	7.345	82	445670	65.287	ng		-0.02
42) 2,4,6-Tribromophenol	10.610	330	184005	94.150	ng		-0.02
45) 2-Fluorobiphenyl	9.139	172	873991	69.210	ng		-0.01
79) Terphenyl-d14	12.886	244	866854	74.868	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.575	88	99078	43.465	ng		98
3) Pyridine	3.304	79	229851	42.374	ng		93
4) n-Nitrosodimethylamine	3.257	42	138682	38.611	ng		90
6) Aniline	6.445	93	226829	33.780	ng	#	75
8) 2-Chlorophenol	6.575	128	276685	45.211	ng		97
9) Benzaldehyde	6.334	77	106505	27.998	ng		97
10) Phenol	6.439	94	335449	45.023	ng		96
11) bis(2-Chloroethyl)ether	6.516	93	248270	44.364	ng		99
12) 1,3-Dichlorobenzene	6.722	146	289182	44.759	ng		96
13) 1,4-Dichlorobenzene	6.798	146	293245	44.424	ng		98
14) 1,2-Dichlorobenzene	6.951	146	277220	45.248	ng		99
15) Benzyl Alcohol	6.928	79	236006	42.993	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.057	45	383534	40.037	ng		64
17) 2-Methylphenol	7.051	107	214180	44.722	ng		93
18) Hexachloroethane	7.286	117	109393	44.778	ng		99
19) n-Nitroso-di-n-propyla...	7.198	70	184853	43.171	ng		94
20) 3+4-Methylphenols	7.204	107	282352	46.391	ng	#	75
22) Acetophenone	7.192	105	417099	47.093	ng		92
24) Nitrobenzene	7.369	77	282638	42.461	ng		96
25) Isophorone	7.604	82	501969	46.118	ng		99
26) 2-Nitrophenol	7.681	139	151422	45.723	ng		94
27) 2,4-Dimethylphenol	7.728	122	219153	56.646	ng		98
28) bis(2-Chloroethoxy)met...	7.816	93	306733	43.979	ng		100
29) 2,4-Dichlorophenol	7.934	162	227778	43.575	ng		100
30) 1,2,4-Trichlorobenzene	8.004	180	245784	43.178	ng		99
31) Naphthalene	8.086	128	789682	42.608	ng		100
32) Benzoic acid	7.845	122	59439	14.791	ng		98
33) 4-Chloroaniline	8.139	127	116223	17.961	ng		98
34) Hexachlorobutadiene	8.198	225	151076	44.209	ng		99
35) Caprolactam	8.510	113	75484m	47.428	ng		
36) 4-Chloro-3-methylphenol	8.633	107	247497	42.743	ng		99
37) 2-Methylnaphthalene	8.775	142	501251	41.562	ng		100
38) 1-Methylnaphthalene	8.875	142	487134	41.703	ng		98
40) 1,2,4,5-Tetrachloroben...	8.945	216	275848	49.007	ng		99
41) Hexachlorocyclopentadiene	8.928	237	244112	130.391	ng		98
43) 2,4,6-Trichlorophenol	9.063	196	157396	43.266	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	169521	42.997	ng	98
46) 1,1'-Biphenyl	9.239	154	725705	48.113	ng	99
47) 2-Chloronaphthalene	9.263	162	494895	44.370	ng	99
48) 2-Nitroaniline	9.369	65	160694	42.929	ng	94
49) Acenaphthylene	9.680	152	755865	45.562	ng	100
50) Dimethylphthalate	9.539	163	581376	44.018	ng	99
51) 2,6-Dinitrotoluene	9.610	165	128111	44.370	ng	94
52) Acenaphthene	9.851	154	469732	42.116	ng	99
53) 3-Nitroaniline	9.780	138	84069	27.053	ng	96
54) 2,4-Dinitrophenol	9.898	184	107902	62.880	ng	90
55) Dibenzofuran	10.022	168	679468	41.505	ng	100
56) 4-Nitrophenol	9.963	139	178963	77.578	ng	93
57) 2,4-Dinitrotoluene	10.016	165	168790	43.913	ng	98
58) Fluorene	10.369	166	556982	44.002	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.145	232	144069	42.444	ng	92
60) Diethylphthalate	10.239	149	552047	42.482	ng	99
61) 4-Chlorophenyl-phenyle...	10.357	204	268025	44.014	ng	98
62) 4-Nitroaniline	10.398	138	133998	42.465	ng	95
63) Azobenzene	10.516	77	595687	46.111	ng	95
65) 4,6-Dinitro-2-methylph...	10.427	198	84606	37.608	ng	93
66) n-Nitrosodiphenylamine	10.475	169	472300	45.558	ng	99
67) 4-Bromophenyl-phenylether	10.845	248	165760	45.796	ng	99
68) Hexachlorobenzene	10.916	284	174405	46.793	ng	98
69) Atrazine	11.010	200	178296	57.328	ng	99
70) Pentachlorophenol	11.116	266	160396	67.302	ng	99
71) Phenanthrene	11.327	178	797195	44.718	ng	100
72) Anthracene	11.380	178	828278	46.220	ng	100
73) Carbazole	11.539	167	710387	44.056	ng	99
74) Di-n-butylphthalate	11.863	149	830961	44.631	ng	100
75) Fluoranthene	12.516	202	785350	41.553	ng	100
77) Benzidine	12.639	184	280116	64.980	ng	99
78) Pyrene	12.745	202	778525	46.789	ng	99
80) Butylbenzylphthalate	13.357	149	285094	49.467	ng	98
81) Benzo(a)anthracene	13.933	228	595321	45.818	ng	100
82) 3,3'-Dichlorobenzidine	13.898	252	132055	35.480	ng	99
83) Chrysene	13.968	228	540286	45.035	ng	100
84) Bis(2-ethylhexyl)phtha...	13.915	149	354228	54.495	ng	99
85) Di-n-octyl phthalate	14.527	149	550072	59.320	ng	99
87) Indeno(1,2,3-cd)pyrene	16.827	276	592429	50.769	ng	99
88) Benzo(b)fluoranthene	14.968	252	564333	44.504	ng	99
89) Benzo(k)fluoranthene	14.998	252	445721	41.164	ng	99
90) Benzo(a)pyrene	15.327	252	482833	47.057	ng	99
91) Dibenzo(a,h)anthracene	16.839	278	478481	50.605	ng	99
92) Benzo(g,h,i)perylene	17.256	276	462853	46.779	ng	100

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

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