Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030325\
Data File : BF141816.D
Acq On : 03 Mar 2025 16:48
Operator : RC/JU
Sample : Q1458-03MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Mar 03 17:30:15 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 28 01:48:16 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SP-SOILMS

Manual Integrations APPROVED
Reviewed By :Anahy Claudio 03/04/2025
Supervised By :Jagrut Upadhyay 03/04/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	116441	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	451070	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	242052	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	440656	20.000	ng	0.00
76) Chrysene-d12	14.045	240	467330	20.000	ng	0.00
86) Perylene-d12	15.515	264	445973	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	1008940	138.376	ng	0.00
7) Phenol-d6	6.498	99	1176701	123.990	ng	-0.01
23) Nitrobenzene-d5	7.445	82	795734	112.762	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	347303	152.833	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1537149	101.827	ng	0.00
79) Terphenyl-d14	12.992	244	2313054	80.079	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.681	88	145448	43.963	ng	99
3) Pyridine	3.440	79	296528	36.023	ng	98
4) n-Nitrosodimethylamine	3.357	42	168857	42.633	ng	97
6) Aniline	6.545	93	113403	11.494	ng	99
8) 2-Chlorophenol	6.669	128	342557	43.431	ng	98
9) Benzaldehyde	6.434	77	91200	16.521	ng	99
10) Phenol	6.516	94	392506	38.704	ng	95
11) bis(2-Chloroethyl)ether	6.616	93	330869	42.802	ng	98
12) 1,3-Dichlorobenzene	6.828	146	344681	40.806	ng	99
13) 1,4-Dichlorobenzene	6.904	146	349627	41.080	ng	99
14) 1,2-Dichlorobenzene	7.057	146	336996	42.403	ng	98
15) Benzyl Alcohol	7.022	79	311859	41.117	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.157	45	507906	43.264	ng	97
17) 2-Methylphenol	7.128	107	280226	43.042	ng	99
18) Hexachloroethane	7.398	117	126022	39.561	ng	98
19) n-Nitroso-di-n-propyla...	7.293	70	261734	41.954	ng	98
20) 3+4-Methylphenols	7.281	107	366016	45.148	ng	91
22) Acetophenone	7.293	105	538541	49.021	ng	96
24) Nitrobenzene	7.463	77	361456	47.832	ng	99
25) Isophorone	7.698	82	692623	45.686	ng	99
26) 2-Nitrophenol	7.781	139	125383	38.171	ng	99
27) 2,4-Dimethylphenol	7.810	122	303939	54.539	ng	99
28) bis(2-Chloroethoxy)met...	7.916	93	423230	43.763	ng	99
29) 2,4-Dichlorophenol	8.016	162	283459	44.090	ng	99
30) 1,2,4-Trichlorobenzene	8.110	180	293850	41.711	ng	98
31) Naphthalene	8.187	128	1014615	43.765	ng	99
32) Benzoic acid	7.887	122	166493m	37.750	ng	
33) 4-Chloroaniline	8.234	127	54413m	6.401	ng	
34) Hexachlorobutadiene	8.310	225	178857	40.856	ng	97
35) Caprolactam	8.575	113	93097m	47.071	ng	
36) 4-Chloro-3-methylphenol	8.704	107	315532	44.181	ng	99
37) 2-Methylnaphthalene	8.881	142	653892	43.002	ng	100
38) 1-Methylnaphthalene	8.981	142	640317	43.885	ng	100
40) 1,2,4,5-Tetrachloroben...	9.045	216	338549	48.428	ng	99
41) Hexachlorocyclopentadiene	9.034	237	362480	124.247	ng	100
43) 2,4,6-Trichlorophenol	9.151	196	201174	44.550	ng	100

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44) 2,4,5-Trichlorophenol	9.186	196	213337	47.709	ng		100
46) 1,1'-Biphenyl	9.345	154	949304	51.525	ng		99
47) 2-Chloronaphthalene	9.369	162	632850	46.539	ng		98
48) 2-Nitroaniline	9.457	65	184256	49.366	ng		99
49) Acenaphthylene	9.781	152	1024510	50.250	ng		99
50) Dimethylphthalate	9.639	163	763651	47.111	ng		99
51) 2,6-Dinitrotoluene	9.698	165	151227	48.723	ng		99
52) Acenaphthene	9.957	154	696992	50.665	ng		98
53) 3-Nitroaniline	9.863	138	73613	23.876	ng		98
54) 2,4-Dinitrophenol	9.969	184	111039	78.520	ng	#	20
55) Dibenzofuran	10.128	168	937631	46.827	ng		97
56) 4-Nitrophenol	10.016	139	283016	118.214	ng		99
57) 2,4-Dinitrotoluene	10.098	165	208658	54.569	ng		99
58) Fluorene	10.469	166	740188	49.351	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	192506	49.500	ng		99
60) Diethylphthalate	10.339	149	766065	47.142	ng		99
61) 4-Chlorophenyl-phenyle...	10.463	204	352302	46.881	ng		100
62) 4-Nitroaniline	10.475	138	167757	60.601	ng		97
63) Azobenzene	10.622	77	793899	46.400	ng		99
65) 4,6-Dinitro-2-methylph...	10.504	198	79064	39.778	ng		99
66) n-Nitrosodiphenylamine	10.581	169	652619	45.103	ng		99
67) 4-Bromophenyl-phenylether	10.951	248	223507	43.424	ng		100
68) Hexachlorobenzene	11.016	284	244057	44.904	ng		100
69) Atrazine	11.104	200	259548	65.228	ng		99
70) Pentachlorophenol	11.204	266	318446	92.380	ng		99
71) Phenanthrene	11.433	178	1170509	49.659	ng		99
72) Anthracene	11.480	178	1210265	51.232	ng		99
73) Carbazole	11.633	167	1120317	53.704	ng		99
74) Di-n-butylphthalate	11.969	149	1317420	49.821	ng		99
75) Fluoranthene	12.622	202	1369797	56.716	ng		99
77) Benzidine	12.739	184	90655	15.412	ng		97
78) Pyrene	12.851	202	1431855	35.382	ng		99
80) Butylbenzylphthalate	13.469	149	618503	42.067	ng		100
81) Benzo(a)anthracene	14.033	228	1493462	48.382	ng		100
82) 3,3'-Dichlorobenzidine	13.998	252	137299	15.503	ng		100
83) Chrysene	14.074	228	1279187	44.955	ng		100
84) Bis(2-ethylhexyl)phtha...	14.027	149	869780	47.510	ng		99
85) Di-n-octyl phthalate	14.645	149	1521257	55.504	ng		100
87) Indeno(1,2,3-cd)pyrene	17.010	276	1272144	44.797	ng		100
88) Benzo(b)fluoranthene	15.086	252	1435368	47.250	ng		99
89) Benzo(k)fluoranthene	15.116	252	1178286	45.634	ng		100
90) Benzo(a)pyrene	15.457	252	1213499	49.809	ng		99
91) Dibenzo(a,h)anthracene	17.027	278	1055322	45.527	ng		99
92) Benzo(g,h,i)perylene	17.457	276	961232	40.477	ng		99

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

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