Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013125\
Data File : BF141340.D
Acq On : 31 Jan 2025 19:11
Operator : RC/JU
Sample : Q1218-02MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BELL-25-002MSD

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

Quant Time: Jan 31 22:30:52 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	6.804	152	142670	20.000	ng		0.00
21) Naphthalene-d8	8.086	136	521314	20.000	ng		0.00
39) Acenaphthene-d10	9.845	164	271292	20.000	ng		0.00
64) Phenanthrene-d10	11.327	188	395783	20.000	ng		0.00
76) Chrysene-d12	13.968	240	279691	20.000	ng		0.00
86) Perylene-d12	15.421	264	312761	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.434	112	1150056	123.752	ng		0.02
7) Phenol-d6	6.445	99	1390165	117.589	ng		0.00
23) Nitrobenzene-d5	7.369	82	884339	89.426	ng		0.00
42) 2,4,6-Tribromophenol	10.639	330	297928	119.788	ng		0.00
45) 2-Fluorobiphenyl	9.163	172	1509903	85.665	ng		0.00
79) Terphenyl-d14	12.910	244	1237686	68.245	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.751	88	153231m	37.491	ng		
3) Pyridine	3.451	79	219631	22.303	ng		100
4) n-Nitrosodimethylamine	3.363	42	217752	38.708	ng		98
6) Aniline	6.475	93	182356	18.222	ng	#	30
8) 2-Chlorophenol	6.592	128	416608	41.825	ng		97
9) Benzaldehyde	6.351	77	159468	23.287	ng		98
10) Phenol	6.463	94	482481	38.500	ng		91
11) bis(2-Chloroethyl)ether	6.539	93	414301	43.116	ng		97
12) 1,3-Dichlorobenzene	6.739	146	394998	35.965	ng		100
13) 1,4-Dichlorobenzene	6.822	146	401367	36.378	ng		99
14) 1,2-Dichlorobenzene	6.969	146	375771	36.372	ng		99
15) Benzyl Alcohol	6.957	79	350399	43.371	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.075	45	665073	39.803	ng		70
17) 2-Methylphenol	7.063	107	325000	40.146	ng		96
18) Hexachloroethane	7.316	117	155805	38.279	ng		96
19) n-Nitroso-di-n-propyla...	7.222	70	282862	40.266	ng		97
20) 3+4-Methylphenols	7.216	107	397542	39.995	ng	#	89
22) Acetophenone	7.210	105	593012	47.856	ng	#	97
24) Nitrobenzene	7.386	77	469271	45.791	ng		99
25) Isophorone	7.628	82	693973	40.597	ng		99
26) 2-Nitrophenol	7.698	139	181160	37.483	ng		93
27) 2,4-Dimethylphenol	7.745	122	275977m	44.861	ng		
28) bis(2-Chloroethoxy)met...	7.833	93	354422	32.505	ng		98
29) 2,4-Dichlorophenol	7.945	162	216861	28.795	ng		94
30) 1,2,4-Trichlorobenzene	8.022	180	334708	38.916	ng		99
31) Naphthalene	8.104	128	1055072	38.311	ng		100
32) Benzoic acid	8.439	122	23221760m	4106.266	ng		
33) 4-Chloroaniline	8.175	127	57726	6.181	ng	#	14
34) Hexachlorobutadiene	8.222	225	163478	32.412	ng		99
35) Caprolactam	8.728	113	100725	40.952	ng		99
36) 4-Chloro-3-methylphenol	8.651	107	349171	43.224	ng		97
37) 2-Methylnaphthalene	8.798	142	714422	40.815	ng		99
38) 1-Methylnaphthalene	8.898	142	697402	40.561	ng		100
40) 1,2,4,5-Tetrachloroben...	8.963	216	368448	47.739	ng		98
41) Hexachlorocyclopentadiene	8.951	237	423151	185.647	ng		99
43) 2,4,6-Trichlorophenol	9.086	196	227525	45.039	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.128	196	240917	43.818	ng		98
46) 1,1'-Biphenyl	9.263	154	1007225	47.606	ng		99
47) 2-Chloronaphthalene	9.286	162	680086	41.240	ng		99
48) 2-Nitroaniline	9.392	65	186519	35.958	ng		99
49) Acenaphthylene	9.704	152	916431	39.699	ng		100
50) Dimethylphthalate	9.580	163	808935	44.149	ng		99
51) 2,6-Dinitrotoluene	9.639	165	167958	39.479	ng		92
52) Acenaphthene	9.875	154	753252m	45.675	ng		
53) 3-Nitroaniline	9.816	138	58071	13.927	ng		98
54) 2,4-Dinitrophenol	9.922	184	211534	106.961	ng		98
55) Dibenzofuran	10.051	168	892050	40.410	ng		99
56) 4-Nitrophenol	9.992	139	222214	72.869	ng		97
57) 2,4-Dinitrotoluene	10.039	165	211301	38.361	ng	#	88
58) Fluorene	10.392	166	696694	40.687	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.180	232	189214	43.744	ng		98
60) Diethylphthalate	10.275	149	718228	40.427	ng		100
61) 4-Chlorophenyl-phenyle...	10.386	204	341406	40.818	ng		99
62) 4-Nitroaniline	10.410	138	108113	26.373	ng		99
63) Azobenzene	10.545	77	725174	40.778	ng		99
65) 4,6-Dinitro-2-methylph...	10.445	198	126669	54.108	ng		98
66) n-Nitrosodiphenylamine	10.504	169	600618	46.919	ng		100
67) 4-Bromophenyl-phenylether	10.874	248	193762	43.730	ng		99
68) Hexachlorobenzene	10.939	284	212929	45.303	ng		99
69) Atrazine	11.039	200	137336	32.088	ng		98
70) Pentachlorophenol	11.139	266	259262	94.198	ng		99
71) Phenanthrene	11.351	178	929973	43.712	ng		100
72) Anthracene	11.404	178	936429	44.922	ng		99
73) Carbazole	11.557	167	722300	39.076	ng		100
74) Di-n-butylphthalate	11.892	149	962080	42.948	ng		100
75) Fluoranthene	12.539	202	837807	39.883	ng		100
78) Pyrene	12.768	202	844011	31.437	ng		99
80) Butylbenzylphthalate	13.392	149	356371	37.995	ng		98
81) Benzo(a)anthracene	13.957	228	756912	39.218	ng		99
82) 3,3'-Dichlorobenzidine	13.921	252	92382	15.050	ng		99
83) Chrysene	13.992	228	744577	42.095	ng		100
84) Bis(2-ethylhexyl)phtha...	13.951	149	484536	40.723	ng		99
85) Di-n-octyl phthalate	14.568	149	908345	49.152	ng		99
87) Indeno(1,2,3-cd)pyrene	16.874	276	772651	38.276	ng		100
88) Benzo(b)fluoranthene	15.004	252	920585	46.793	ng		99
89) Benzo(k)fluoranthene	15.033	252	694577	39.853	ng		100
90) Benzo(a)pyrene	15.362	252	753917	45.348	ng		99
91) Dibenzo(a,h)anthracene	16.892	278	627391	38.631	ng		100
92) Benzo(g,h,i)perylene	17.309	276	573319	33.950	ng		99

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

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