Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020325\
Data File : BF141363.D
Acq On : 03 Feb 2025 12:18
Operator : RC/JU
Sample : PB166468BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB166468BS

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 02/04/2025
Supervised By :mohammad ahmed 02/06/2025

Quant Time: Feb 03 12:41:37 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	89290	20.000	ng		0.00
21) Naphthalene-d8	8.081	136	364890	20.000	ng		0.00
39) Acenaphthene-d10	9.834	164	202577	20.000	ng		0.00
64) Phenanthrene-d10	11.322	188	362057	20.000	ng		0.00
76) Chrysene-d12	13.963	240	289738	20.000	ng		-0.01
86) Perylene-d12	15.421	264	274140	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.422	112	554670	95.367	ng		0.01
7) Phenol-d6	6.440	99	680712	92.002	ng		0.00
23) Nitrobenzene-d5	7.357	82	667702	96.464	ng		-0.01
42) 2,4,6-Tribromophenol	10.628	330	197446	106.316	ng		0.00
45) 2-Fluorobiphenyl	9.157	172	1265951	96.188	ng		0.00
79) Terphenyl-d14	12.910	244	1531136	81.498	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.558	88	110291	43.117	ng		97
3) Pyridine	3.287	79	243075	39.441	ng		97
4) n-Nitrosodimethylamine	3.234	42	164331	46.675	ng		91
6) Aniline	6.457	93	277558	44.316	ng	#	31
8) 2-Chlorophenol	6.587	128	288550	46.287	ng		97
9) Benzaldehyde	6.345	77	225365	52.585	ng		98
10) Phenol	6.451	94	345326	44.029	ng	#	69
11) bis(2-Chloroethyl)ether	6.534	93	266496	44.315	ng		97
12) 1,3-Dichlorobenzene	6.734	146	299027	43.504	ng		99
13) 1,4-Dichlorobenzene	6.816	146	302303	43.779	ng		100
14) 1,2-Dichlorobenzene	6.963	146	290981	45.002	ng		100
15) Benzyl Alcohol	6.940	79	256081	50.645	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.069	45	454108	43.425	ng	#	47
17) 2-Methylphenol	7.063	107	226630	44.731	ng	#	90
18) Hexachloroethane	7.310	117	114623	44.997	ng		96
19) n-Nitroso-di-n-propyla...	7.210	70	203852	46.367	ng		100
20) 3+4-Methylphenols	7.216	107	298496	47.983	ng	#	83
22) Acetophenone	7.204	105	443710	51.158	ng	#	96
24) Nitrobenzene	7.381	77	308497	43.008	ng		99
25) Isophorone	7.616	82	554160	46.315	ng		98
26) 2-Nitrophenol	7.692	139	155376	45.929	ng		96
27) 2,4-Dimethylphenol	7.740	122	249629m	57.974	ng		
28) bis(2-Chloroethoxy)met...	7.828	93	338852	44.399	ng		99
29) 2,4-Dichlorophenol	7.945	162	244494	46.381	ng		100
30) 1,2,4-Trichlorobenzene	8.022	180	260784	43.319	ng		99
31) Naphthalene	8.098	128	853750	44.290	ng		100
32) Benzoic acid	7.869	122	204723	51.720	ng		98
33) 4-Chloroaniline	8.151	127	150417	23.011	ng		99
34) Hexachlorobutadiene	8.216	225	157188	44.525	ng		99
35) Caprolactam	8.516	113	89632m	52.064	ng		
36) 4-Chloro-3-methylphenol	8.645	107	273859	48.434	ng		96
37) 2-Methylnaphthalene	8.792	142	545029	44.486	ng		100
38) 1-Methylnaphthalene	8.892	142	537486	44.661	ng		100
40) 1,2,4,5-Tetrachloroben...	8.957	216	289481	50.230	ng		98
41) Hexachlorocyclopentadiene	8.945	237	339264	199.332	ng		99
43) 2,4,6-Trichlorophenol	9.075	196	178940	47.437	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.122	196	189539	46.167	ng	98
46) 1,1'-Biphenyl	9.257	154	794919	50.316	ng	99
47) 2-Chloronaphthalene	9.281	162	542545	44.059	ng	100
48) 2-Nitroaniline	9.381	65	185272	47.833	ng	100
49) Acenaphthylene	9.698	152	844481	48.991	ng	99
50) Dimethylphthalate	9.557	163	642076	46.929	ng	100
51) 2,6-Dinitrotoluene	9.622	165	143836	45.277	ng	98
52) Acenaphthene	9.869	154	631341m	51.268	ng	
53) 3-Nitroaniline	9.786	138	84056	26.996	ng	98
54) 2,4-Dinitrophenol	9.898	184	168500	114.102	ng	95
55) Dibenzofuran	10.039	168	761460	46.195	ng	97
56) 4-Nitrophenol	9.975	139	248672	109.206	ng	95
57) 2,4-Dinitrotoluene	10.028	165	199003	48.383	ng	95
58) Fluorene	10.386	166	608304	47.576	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.163	232	165941	51.376	ng	99
60) Diethylphthalate	10.257	149	625298	47.135	ng	99
61) 4-Chlorophenyl-phenyle...	10.375	204	287266	45.995	ng	97
62) 4-Nitroaniline	10.404	138	150129	49.044	ng	95
63) Azobenzene	10.533	77	625543	47.107	ng	98
65) 4,6-Dinitro-2-methylph...	10.433	198	108242	50.544	ng	98
66) n-Nitrosodiphenylamine	10.498	169	538349	45.972	ng	100
67) 4-Bromophenyl-phenylether	10.869	248	183762	45.336	ng	96
68) Hexachlorobenzene	10.933	284	192942	44.874	ng	97
69) Atrazine	11.028	200	206716	52.797	ng	99
70) Pentachlorophenol	11.133	266	246586	97.939	ng	99
71) Phenanthrene	11.345	178	942527	48.429	ng	100
72) Anthracene	11.398	178	970212	50.878	ng	100
73) Carbazole	11.557	167	862057	50.982	ng	99
74) Di-n-butylphthalate	11.886	149	1027576	50.145	ng	100
75) Fluoranthene	12.533	202	998223	51.946	ng	99
77) Benzidine	12.657	184	421972	45.429	ng	99
78) Pyrene	12.763	202	1030635	37.057	ng	100
80) Butylbenzylphthalate	13.386	149	409963	42.193	ng	99
81) Benzo(a)anthracene	13.951	228	911475	45.588	ng	99
82) 3,3'-Dichlorobenzidine	13.916	252	170051	26.742	ng	99
83) Chrysene	13.992	228	819941	44.748	ng	99
84) Bis(2-ethylhexyl)phtha...	13.945	149	592598	48.079	ng	99
85) Di-n-octyl phthalate	14.568	149	973666	50.860	ng	100
87) Indeno(1,2,3-cd)pyrene	16.874	276	902599	51.012	ng	100
88) Benzo(b)fluoranthene	15.004	252	862962	50.044	ng	99
89) Benzo(k)fluoranthene	15.033	252	694206	45.444	ng	99
90) Benzo(a)pyrene	15.363	252	746076	51.199	ng	99
91) Dibenzo(a,h)anthracene	16.892	278	725204	50.944	ng	100
92) Benzo(g,h,i)perylene	17.309	276	709427	47.929	ng	99

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

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