Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031425\
Data File : BF141963.D
Acq On : 14 Mar 2025 14:10
Operator : RC/JU
Sample : Q1566-01MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CTWK-COMPMS

Quant Time: Mar 14 14:41:05 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:46:22 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.876	152	144277	20.000	ng	0.00
21) Naphthalene-d8	8.159	136	554620	20.000	ng	0.00
39) Acenaphthene-d10	9.911	164	290205	20.000	ng	0.00
64) Phenanthrene-d10	11.400	188	422606	20.000	ng	0.00
76) Chrysene-d12	14.035	240	316199	20.000	ng	0.00
86) Perylene-d12	15.505	264	368741	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.500	112	940713	108.819	ng	0.00
7) Phenol-d6	6.500	99	1182612	107.445	ng	0.00
23) Nitrobenzene-d5	7.441	82	783765	79.527	ng	0.00
42) 2,4,6-Tribromophenol	10.705	330	392302	106.557	ng	0.00
45) 2-Fluorobiphenyl	9.235	172	1575451	82.561	ng	0.00
79) Terphenyl-d14	12.982	244	1331587	62.261	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.729	88	176526	48.735	ng	100
3) Pyridine	3.482	79	401860	45.229	ng	98
4) n-Nitrosodimethylamine	3.429	42	196138	46.310	ng	99
6) Aniline	6.547	93	160890	14.818	ng	98
8) 2-Chlorophenol	6.659	128	459989	47.977	ng	99
9) Benzaldehyde	6.429	77	132418	21.511	ng	98
10) Phenol	6.518	94	527523	45.557	ng	99
11) bis(2-Chloroethyl)ether	6.612	93	408385	46.969	ng	97
12) 1,3-Dichlorobenzene	6.817	146	495091	47.831	ng	99
13) 1,4-Dichlorobenzene	6.894	146	499714	47.715	ng	99
14) 1,2-Dichlorobenzene	7.047	146	477377	48.394	ng	99
15) Benzyl Alcohol	7.017	79	397484	44.670	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.153	45	457948	43.627	ng	98
17) 2-Methylphenol	7.123	107	360789	47.328	ng	99
18) Hexachloroethane	7.394	117	187720	47.799	ng	95
19) n-Nitroso-di-n-propyla...	7.288	70	308527	43.624	ng	100
20) 3+4-Methylphenols	7.276	107	452497	46.342	ng	93
22) Acetophenone	7.288	105	683019	51.425	ng	99
24) Nitrobenzene	7.459	77	471070	48.081	ng	100
25) Isophorone	7.694	82	836646	48.025	ng	99
26) 2-Nitrophenol	7.776	139	239108	49.725	ng	99
27) 2,4-Dimethylphenol	7.806	122	385287	58.190	ng	98
28) bis(2-Chloroethoxy)met...	7.906	93	503677	46.097	ng	99
29) 2,4-Dichlorophenol	8.012	162	378461	46.050	ng	99
30) 1,2,4-Trichlorobenzene	8.100	180	424513	46.871	ng	100
31) Naphthalene	8.182	128	1310981	46.016	ng	100
32) Benzoic acid	7.923	122	314069m	53.961	ng	
33) 4-Chloroaniline	8.235	127	101607	10.103	ng	97
34) Hexachlorobutadiene	8.300	225	291915	49.422	ng	99
35) Caprolactam	8.588	113	123347m	49.228	ng	
36) 4-Chloro-3-methylphenol	8.706	107	402432	43.896	ng	98
37) 2-Methylnaphthalene	8.870	142	832491	43.716	ng	100
38) 1-Methylnaphthalene	8.970	142	807650	43.951	ng	100
40) 1,2,4,5-Tetrachloroben...	9.035	216	496079	56.146	ng	98
41) Hexachlorocyclopentadiene	9.023	237	608236	175.898	ng	99
43) 2,4,6-Trichlorophenol	9.147	196	284998	49.356	ng	100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.188	196	289931	49.575	ng		99
46) 1,1'-Biphenyl	9.335	154	1195740	54.228	ng		100
47) 2-Chloronaphthalene	9.358	162	810581	49.320	ng		99
48) 2-Nitroaniline	9.453	65	229094	48.143	ng		99
49) Acenaphthylene	9.776	152	1238019	50.761	ng		100
50) Dimethylphthalate	9.635	163	953769	46.932	ng		100
51) 2,6-Dinitrotoluene	9.694	165	202588	47.878	ng		97
52) Acenaphthene	9.947	154	905067	52.806	ng		100
53) 3-Nitroaniline	9.864	138	132384	30.844	ng		97
54) 2,4-Dinitrophenol	9.970	184	228381	93.764	ng	#	47
55) Dibenzofuran	10.117	168	1097396	44.809	ng		99
56) 4-Nitrophenol	10.017	139	307864	95.114	ng		99
57) 2,4-Dinitrotoluene	10.100	165	270918	49.022	ng		96
58) Fluorene	10.464	166	857103	45.383	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.235	232	241212	45.325	ng		97
60) Diethylphthalate	10.335	149	908024	44.810	ng		99
61) 4-Chlorophenyl-phenyle...	10.453	204	448262	45.526	ng		99
62) 4-Nitroaniline	10.476	138	163725	39.182	ng		99
63) Azobenzene	10.617	77	1018655	54.070	ng		86
65) 4,6-Dinitro-2-methylph...	10.505	198	142263	56.468	ng		97
66) n-Nitrosodiphenylamine	10.570	169	728349	53.259	ng		100
67) 4-Bromophenyl-phenylether	10.947	248	274135	51.651	ng		97
68) Hexachlorobenzene	11.011	284	296115	50.870	ng		96
69) Atrazine	11.100	200	259200	61.826	ng		99
70) Pentachlorophenol	11.200	266	350516	97.732	ng		99
71) Phenanthrene	11.423	178	1148274	50.305	ng		99
72) Anthracene	11.476	178	1120473	48.927	ng		100
73) Carbazole	11.629	167	874921	44.300	ng		100
74) Di-n-butylphthalate	11.958	149	1153211	44.006	ng		99
75) Fluoranthene	12.611	202	1031884	42.616	ng		99
77) Benzidine	12.729	184	315844	71.594	ng		99
78) Pyrene	12.841	202	1110006	40.583	ng		99
80) Butylbenzylphthalate	13.458	149	412895	38.569	ng		97
81) Benzo(a)anthracene	14.023	228	1072388	51.684	ng		99
82) 3,3'-Dichlorobenzidine	13.988	252	241539	40.282	ng		99
83) Chrysene	14.064	228	948152	50.411	ng		100
84) Bis(2-ethylhexyl)phtha...	14.017	149	601601	40.757	ng		99
85) Di-n-octyl phthalate	14.629	149	1068342	52.018	ng		99
87) Indeno(1,2,3-cd)pyrene	16.999	276	998443	41.858	ng		98
88) Benzo(b)fluoranthene	15.076	252	1192334	47.180	ng		99
89) Benzo(k)fluoranthene	15.105	252	971634	44.927	ng		99
90) Benzo(a)pyrene	15.446	252	1037109	52.447	ng		99
91) Dibenzo(a,h)anthracene	17.017	278	818377	41.582	ng		99
92) Benzo(g,h,i)perylene	17.446	276	717523	36.893	ng		98

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

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