Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031425\
Data File : BF141964.D
Acq On : 14 Mar 2025 14:39
Operator : RC/JU
Sample : Q1566-01MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CTWK-COMPMSD

Quant Time: Mar 14 15:06:06 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	6.881	152	136717	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	524005	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	269906	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	380040	20.000	ng	0.00
76) Chrysene-d12	14.039	240	315934	20.000	ng	0.00
86) Perylene-d12	15.510	264	355035	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	916207	111.845	ng	0.00
7) Phenol-d6	6.504	99	1151253	110.380	ng	0.00
23) Nitrobenzene-d5	7.440	82	762778	81.919	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	359952	105.123	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	1522109	85.765	ng	0.00
79) Terphenyl-d14	12.980	244	1321456	61.839	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.722	88	177939	51.842	ng	98
3) Pyridine	3.481	79	394995	46.915	ng	99
4) n-Nitrosodimethylamine	3.428	42	189956	47.330	ng	96
6) Aniline	6.546	93	161254	15.672	ng	100
8) 2-Chlorophenol	6.663	128	447464	49.252	ng	98
9) Benzaldehyde	6.428	77	130669	22.401	ng	99
10) Phenol	6.516	94	522282	47.599	ng	99
11) bis(2-Chloroethyl)ether	6.610	93	395430	47.994	ng	97
12) 1,3-Dichlorobenzene	6.822	146	482417	49.183	ng	98
13) 1,4-Dichlorobenzene	6.898	146	487832	49.156	ng	98
14) 1,2-Dichlorobenzene	7.045	146	465772	49.828	ng	99
15) Benzyl Alcohol	7.016	79	390320	46.290	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.151	45	453263	45.568	ng	99
17) 2-Methylphenol	7.128	107	349103	48.327	ng	99
18) Hexachloroethane	7.393	117	180696	48.555	ng	95
19) n-Nitroso-di-n-propyla...	7.287	70	298299	44.510	ng	98
20) 3+4-Methylphenols	7.275	107	440906	47.652	ng	95
22) Acetophenone	7.287	105	664492	52.953	ng	99
24) Nitrobenzene	7.457	77	458371	49.518	ng	100
25) Isophorone	7.698	82	803425	48.813	ng	99
26) 2-Nitrophenol	7.775	139	238131	52.415	ng	99
27) 2,4-Dimethylphenol	7.804	122	372872	59.605	ng	99
28) bis(2-Chloroethoxy)met...	7.904	93	488238	47.294	ng	99
29) 2,4-Dichlorophenol	8.016	162	367768	47.363	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	413183	48.286	ng	99
31) Naphthalene	8.181	128	1272368	47.270	ng	100
32) Benzoic acid	7.922	122	300639m	54.672	ng	
33) 4-Chloroaniline	8.234	127	96538	10.160	ng	98
34) Hexachlorobutadiene	8.298	225	277726	49.767	ng	99
35) Caprolactam	8.587	113	115729m	48.886	ng	
36) 4-Chloro-3-methylphenol	8.704	107	385216	44.473	ng	98
37) 2-Methylnaphthalene	8.869	142	805524	44.772	ng	100
38) 1-Methylnaphthalene	8.969	142	787760	45.373	ng	99
40) 1,2,4,5-Tetrachloroben...	9.040	216	469940	57.187	ng	99
41) Hexachlorocyclopentadiene	9.028	237	567632	176.502	ng	98
43) 2,4,6-Trichlorophenol	9.145	196	264068	49.170	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.187	196	274906	50.541	ng		99
46) 1,1'-Biphenyl	9.334	154	1145370	55.850	ng		100
47) 2-Chloronaphthalene	9.357	162	778803	50.951	ng		99
48) 2-Nitroaniline	9.451	65	216684	48.959	ng		99
49) Acenaphthylene	9.775	152	1193971	52.637	ng		100
50) Dimethylphthalate	9.634	163	908032	48.042	ng		100
51) 2,6-Dinitrotoluene	9.692	165	191633	48.695	ng		97
52) Acenaphthene	9.945	154	851814	53.437	ng		100
53) 3-Nitroaniline	9.863	138	125238	31.373	ng		98
54) 2,4-Dinitrophenol	9.969	184	206913	91.509	ng	#	49
55) Dibenzofuran	10.122	168	1039143	45.622	ng		98
56) 4-Nitrophenol	10.016	139	282066	93.698	ng		99
57) 2,4-Dinitrotoluene	10.098	165	249543	48.550	ng		96
58) Fluorene	10.463	166	805800	45.875	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.234	232	223608	45.178	ng		99
60) Diethylphthalate	10.334	149	848552	45.024	ng		100
61) 4-Chlorophenyl-phenyle...	10.451	204	422310	46.116	ng		99
62) 4-Nitroaniline	10.475	138	148983	38.335	ng		99
63) Azobenzene	10.616	77	950477	54.245	ng		87
65) 4,6-Dinitro-2-methylph...	10.504	198	127879	56.444	ng		99
66) n-Nitrosodiphenylamine	10.569	169	674701	54.861	ng		99
67) 4-Bromophenyl-phenylether	10.945	248	253351	53.082	ng		97
68) Hexachlorobenzene	11.010	284	270731	51.718	ng		96
69) Atrazine	11.098	200	241320	64.008	ng		99
70) Pentachlorophenol	11.198	266	328593	101.881	ng		99
71) Phenanthrene	11.422	178	1067500	52.004	ng		99
72) Anthracene	11.475	178	1038919	50.447	ng		100
73) Carbazole	11.628	167	831620	46.824	ng		100
74) Di-n-butylphthalate	11.957	149	1090587	46.277	ng		99
75) Fluoranthene	12.610	202	1023702	47.014	ng		100
77) Benzidine	12.733	184	336833	76.416	ng		100
78) Pyrene	12.839	202	1089866	39.880	ng		99
80) Butylbenzylphthalate	13.457	149	420185	39.282	ng		99
81) Benzo(a)anthracene	14.027	228	1082847	52.231	ng		99
82) 3,3'-Dichlorobenzidine	13.986	252	259017	43.233	ng		99
83) Chrysene	14.063	228	987064	52.524	ng		99
84) Bis(2-ethylhexyl)phtha...	14.016	149	607446	41.188	ng		100
85) Di-n-octyl phthalate	14.627	149	1097447	53.480	ng		99
87) Indeno(1,2,3-cd)pyrene	16.998	276	989052	43.065	ng		98
88) Benzo(b)fluoranthene	15.080	252	1178249	48.423	ng		100
89) Benzo(k)fluoranthene	15.110	252	1018652	48.919	ng		99
90) Benzo(a)pyrene	15.445	252	1048803	55.086	ng		100
91) Dibenzo(a,h)anthracene	17.015	278	818183	43.178	ng		99
92) Benzo(g,h,i)perylene	17.445	276	710464	37.941	ng		99

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

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