Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061025\
Data File : BF142707.D
Acq On : 10 Jun 2025 12:41
Operator : RC/JU
Sample : Q2266-05MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-5MS

Quant Time: Jun 10 13:03:39 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 09 18:21:22 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.892	152	72888	20.000	ng		0.00
21) Naphthalene-d8	8.181	136	273042	20.000	ng		0.00
39) Acenaphthene-d10	9.933	164	145075	20.000	ng		0.00
64) Phenanthrene-d10	11.422	188	232310	20.000	ng		0.00
76) Chrysene-d12	14.068	240	148312	20.000	ng		0.00
86) Perylene-d12	15.562	264	175165	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.516	112	340306	79.276	ng		0.00
7) Phenol-d6	6.522	99	406467	80.743	ng		-0.01
23) Nitrobenzene-d5	7.457	82	247275	49.770	ng		-0.01
42) 2,4,6-Tribromophenol	10.727	330	125299	76.874	ng		0.00
45) 2-Fluorobiphenyl	9.251	172	538196	50.734	ng		-0.01
79) Terphenyl-d14	13.010	244	491238	52.383	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.734	88	68509	41.677	ng		98
3) Pyridine	3.493	79	183023	43.171	ng		99
4) n-Nitrosodimethylamine	3.446	42	96386	46.711	ng		98
6) Aniline	6.557	93	248164	36.718	ng		99
8) 2-Chlorophenol	6.681	128	208523	44.523	ng		99
9) Benzaldehyde	6.445	77	104640	36.872	ng		99
10) Phenol	6.534	94	246617	43.748	ng		100
11) bis(2-Chloroethyl)ether	6.628	93	184983	45.043	ng		98
12) 1,3-Dichlorobenzene	6.834	146	233508	44.519	ng		99
13) 1,4-Dichlorobenzene	6.910	146	238429	44.458	ng		98
14) 1,2-Dichlorobenzene	7.063	146	226066	44.209	ng		98
15) Benzyl Alcohol	7.034	79	168410	45.734	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.169	45	287195	42.946	ng		99
17) 2-Methylphenol	7.145	107	157220	43.778	ng		98
18) Hexachloroethane	7.404	117	84051	45.619	ng		95
19) n-Nitroso-di-n-propyla...	7.304	70	135672	45.976	ng		99
20) 3+4-Methylphenols	7.298	107	195228	44.140	ng	#	90
22) Acetophenone	7.304	105	269490	45.151	ng		97
24) Nitrobenzene	7.475	77	197188	44.009	ng		99
25) Isophorone	7.716	82	362536	44.976	ng		100
26) 2-Nitrophenol	7.792	139	115403	46.692	ng		97
27) 2,4-Dimethylphenol	7.828	122	185692	44.207	ng		100
28) bis(2-Chloroethoxy)met...	7.922	93	224965	44.498	ng		98
29) 2,4-Dichlorophenol	8.034	162	172633	44.862	ng		99
30) 1,2,4-Trichlorobenzene	8.116	180	195048	46.468	ng		98
31) Naphthalene	8.198	128	604704	44.944	ng		100
32) Benzoic acid	7.939	122	110354	43.323	ng		99
33) 4-Chloroaniline	8.245	127	146701	26.521	ng		100
34) Hexachlorobutadiene	8.316	225	119125	46.081	ng		99
35) Caprolactam	8.616	113	51771	43.802	ng		98
36) 4-Chloro-3-methylphenol	8.728	107	171637	43.241	ng		99
37) 2-Methylnaphthalene	8.892	142	371697	43.904	ng		100
38) 1-Methylnaphthalene	8.992	142	380265	43.375	ng		99
40) 1,2,4,5-Tetrachloroben...	9.057	216	189986	45.315	ng		99
41) Hexachlorocyclopentadiene	9.045	237	230626	93.671	ng		100
43) 2,4,6-Trichlorophenol	9.169	196	123561	44.916	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	129648	44.123	ng	98
46) 1,1'-Biphenyl	9.357	154	510817	45.281	ng	99
47) 2-Chloronaphthalene	9.380	162	372308	44.047	ng	99
48) 2-Nitroaniline	9.475	65	106260	42.246	ng	97
49) Acenaphthylene	9.798	152	625589	44.657	ng	100
50) Dimethylphthalate	9.657	163	427699	43.818	ng	100
51) 2,6-Dinitrotoluene	9.716	165	92781	43.941	ng	96
52) Acenaphthene	9.969	154	413493	48.251	ng	100
53) 3-Nitroaniline	9.886	138	69342	29.227	ng	98
54) 2,4-Dinitrophenol	9.998	184	95949	82.076	ng	97
55) Dibenzofuran	10.139	168	544806	44.314	ng	98
56) 4-Nitrophenol	10.051	139	138939	85.199	ng	98
57) 2,4-Dinitrotoluene	10.122	165	126936	44.849	ng	98
58) Fluorene	10.486	166	417455	42.482	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.257	232	105582	42.702	ng	97
60) Diethylphthalate	10.351	149	423266	44.667	ng	99
61) 4-Chlorophenyl-phenyle...	10.475	204	203717	43.848	ng	99
62) 4-Nitroaniline	10.498	138	90730	40.313	ng	94
63) Azobenzene	10.633	77	404594	47.665	ng	97
65) 4,6-Dinitro-2-methylph...	10.533	198	64455	43.501	ng	98
66) n-Nitrosodiphenylamine	10.592	169	364150	48.550	ng	99
67) 4-Bromophenyl-phenylether	10.969	248	122488	47.703	ng	99
68) Hexachlorobenzene	11.033	284	140803	47.723	ng	99
69) Atrazine	11.122	200	111741	49.125	ng	99
70) Pentachlorophenol	11.227	266	144449	89.026	ng	99
71) Phenanthrene	11.451	178	570569	45.942	ng	99
72) Anthracene	11.498	178	582233	45.175	ng	100
73) Carbazole	11.657	167	499561	43.045	ng	100
74) Di-n-butylphthalate	11.980	149	635033	51.543	ng	100
75) Fluoranthene	12.639	202	558947	44.920	ng	100
77) Benzidine	12.757	184	248352	48.519	ng	99
78) Pyrene	12.869	202	555639	45.977	ng	100
80) Butylbenzylphthalate	13.480	149	225894	60.697	ng	97
81) Benzo(a)anthracene	14.057	228	448189	46.564	ng	100
82) 3,3'-Dichlorobenzidine	14.015	252	90579	29.440	ng	100
83) Chrysene	14.092	228	424624	46.575	ng	100
84) Bis(2-ethylhexyl)phtha...	14.039	149	312126	73.457	ng	99
85) Di-n-octyl phthalate	14.657	149	503646	60.944	ng	99
87) Indeno(1,2,3-cd)pyrene	17.080	276	573017	46.246	ng	99
88) Benzo(b)fluoranthene	15.121	252	486439	46.482	ng	99
89) Benzo(k)fluoranthene	15.151	252	423841	43.039	ng	100
90) Benzo(a)pyrene	15.498	252	449775	45.864	ng	100
91) Dibenzo(a,h)anthracene	17.098	278	463774	46.496	ng	100
92) Benzo(g,h,i)perylene	17.539	276	449262	43.497	ng	99

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

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