Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031925\
Data File : BF142002.D
Acq On : 19 Mar 2025 13:15
Operator : RC/JU
Sample : Q1592-01MSD 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OILY-DEBRIS-COMPMSD

Quant Time: Mar 19 13:38:30 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	148231	20.000	ng		0.00
21) Naphthalene-d8	8.157	136	572220	20.000	ng		0.00
39) Acenaphthene-d10	9.916	164	282712	20.000	ng		0.00
64) Phenanthrene-d10	11.398	188	386099	20.000	ng		0.00
76) Chrysene-d12	14.045	240	305551	20.000	ng		0.00
86) Perylene-d12	15.527	264	256633	20.000	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.487	112	104307	11.744	ng		0.00
7) Phenol-d6	6.492	99	132027	11.675	ng		-0.01
23) Nitrobenzene-d5	7.434	82	83042	8.167	ng		-0.01
42) 2,4,6-Tribromophenol	10.698	330	34616	9.652	ng		0.00
45) 2-Fluorobiphenyl	9.228	172	178437	9.599	ng		-0.01
79) Terphenyl-d14	12.980	244	143727	6.954	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.640	88	16443	4.418	ng		93
3) Pyridine	3.428	79	37279	4.084	ng		98
4) n-Nitrosodimethylamine	3.340	42	18963	4.358	ng	#	98
6) Aniline	6.534	93	17342	1.555	ng	#	89
8) 2-Chlorophenol	6.657	128	52585	5.338	ng		98
9) Benzaldehyde	6.428	77	13531	2.139	ng		97
10) Phenol	6.504	94	62373	5.243	ng		98
11) bis(2-Chloroethyl)ether	6.604	93	47466	5.314	ng		96
12) 1,3-Dichlorobenzene	6.816	146	56088	5.274	ng		99
13) 1,4-Dichlorobenzene	6.892	146	56279	5.230	ng		98
14) 1,2-Dichlorobenzene	7.045	146	55617	5.488	ng		96
15) Benzyl Alcohol	7.010	79	45397	4.966	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.151	45	53914	4.999	ng		98
17) 2-Methylphenol	7.122	107	41104	5.248	ng		97
18) Hexachloroethane	7.392	117	20304	5.032	ng		94
19) n-Nitroso-di-n-propyla...	7.275	70	36887	5.076	ng		95
20) 3+4-Methylphenols	7.275	107	52148	5.198	ng	#	73
22) Acetophenone	7.281	105	83687	6.107	ng		97
24) Nitrobenzene	7.451	77	53988	5.341	ng		98
25) Isophorone	7.692	82	96666	5.378	ng		99
26) 2-Nitrophenol	7.775	139	25371	5.114	ng		99
27) 2,4-Dimethylphenol	7.804	122	41234	6.036	ng		98
28) bis(2-Chloroethoxy)met...	7.904	93	59938	5.317	ng		99
29) 2,4-Dichlorophenol	8.010	162	44375	5.233	ng		98
30) 1,2,4-Trichlorobenzene	8.098	180	49076	5.252	ng		99
31) Naphthalene	8.181	128	156284	5.317	ng		98
32) Benzoic acid	7.863	122	30511	5.081	ng		95
33) 4-Chloroaniline	8.228	127	19502	1.879	ng		99
34) Hexachlorobutadiene	8.298	225	33681	5.527	ng		98
35) Caprolactam	8.557	113	12915	4.996	ng		90
36) 4-Chloro-3-methylphenol	8.698	107	44645	4.720	ng		98
37) 2-Methylnaphthalene	8.869	142	97807	4.978	ng		99
38) 1-Methylnaphthalene	8.969	142	95909	5.059	ng		99
40) 1,2,4,5-Tetrachloroben...	9.033	216	56496	6.564	ng		98
41) Hexachlorocyclopentadiene	9.022	237	1864	0.553	ng		98
43) 2,4,6-Trichlorophenol	9.145	196	29475	5.240	ng		98

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.186	196	31828	5.586	ng		99
46)	1,1'-Biphenyl	9.333	154	142167	6.618	ng		99
47)	2-Chloronaphthalene	9.357	162	91937	5.742	ng		97
48)	2-Nitroaniline	9.451	65	24072	5.193	ng		96
49)	Acenaphthylene	9.775	152	137681	5.795	ng		98
50)	Dimethylphthalate	9.627	163	111331	5.623	ng		99
51)	2,6-Dinitrotoluene	9.686	165	21992	5.335	ng		97
52)	Acenaphthene	9.945	154	93404	5.594	ng		99
53)	3-Nitroaniline	9.857	138	14231	3.403	ng	#	96
54)	2,4-Dinitrophenol	9.969	184	10293	10.607	ng	#	54
55)	Dibenzofuran	10.116	168	125019	5.240	ng		97
56)	4-Nitrophenol	10.016	139	27830	8.826	ng		95
57)	2,4-Dinitrotoluene	10.092	165	26800	4.978	ng	#	98
58)	Fluorene	10.457	166	94051	5.112	ng		99
59)	2,3,4,6-Tetrachlorophenol	10.233	232	24467m	4.719	ng		
60)	Diethylphthalate	10.327	149	108496	5.496	ng		98
61)	4-Chlorophenyl-phenyle...	10.451	204	49194	5.129	ng		99
62)	4-Nitroaniline	10.463	138	16245	3.991	ng		91
63)	Azobenzene	10.610	77	95101	5.182	ng		93
65)	4,6-Dinitro-2-methylph...	10.498	198	8241	3.580	ng	#	78
66)	n-Nitrosodiphenylamine	10.569	169	81003	6.483	ng		99
67)	4-Bromophenyl-phenylether	10.945	248	27691	5.711	ng		99
68)	Hexachlorobenzene	11.010	284	29448	5.537	ng		96
69)	Atrazine	11.092	200	30328	7.918	ng		98
70)	Pentachlorophenol	11.198	266	31916	9.740	ng		98
71)	Phenanthrene	11.422	178	140665	6.745	ng		98
72)	Anthracene	11.474	178	120963	5.781	ng		99
73)	Carbazole	11.627	167	99106	5.493	ng		98
74)	Di-n-butylphthalate	11.957	149	183931	7.682	ng		99
75)	Fluoranthene	12.610	202	188423	8.518	ng		100
77)	Benzidine	12.739	184	3690	0.866	ng	#	1
78)	Pyrene	12.839	202	180215	6.818	ng		98
80)	Butylbenzylphthalate	13.463	149	48116	4.651	ng		95
81)	Benzo(a)anthracene	14.033	228	139160	6.941	ng		97
82)	3,3'-Dichlorobenzidine	13.998	252	21254	3.668	ng	#	63
83)	Chrysene	14.068	228	131535	7.237	ng		99
84)	Bis(2-ethylhexyl)phtha...	14.021	149	202297	14.183	ng		92
85)	Di-n-octyl phthalate	14.639	149	112902	5.689	ng	#	79
87)	Indeno(1,2,3-cd)pyrene	17.015	276	88924	5.356	ng		97
88)	Benzo(b)fluoranthene	15.092	252	130471	7.418	ng	#	44
89)	Benzo(k)fluoranthene	15.121	252	110305m	7.328	ng		
90)	Benzo(a)pyrene	15.462	252	98370	7.148	ng	#	38
91)	Dibenzo(a,h)anthracene	17.039	278	60892	4.446	ng	#	72
92)	Benzo(g,h,i)perylene	17.468	276	68624	5.070	ng	#	90

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

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