Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121024\
Data File : BF140808.D
Acq On : 10 Dec 2024 16:16
Operator : RC/JU
Sample : P5174-02MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-COMPMSD

Quant Time: Dec 10 18:08:19 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 21 15:23:48 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.863	152	88459	20.000	ng		-0.01
21) Naphthalene-d8	8.145	136	327477	20.000	ng		-0.01
39) Acenaphthene-d10	9.904	164	185727	20.000	ng		-0.01
64) Phenanthrene-d10	11.398	188	295264	20.000	ng		0.00
76) Chrysene-d12	14.051	240	155692	20.000	ng		0.00
86) Perylene-d12	15.562	264	112566	20.000	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.528	112	671271	129.476	ng		0.03
7) Phenol-d6	6.522	99	809406	118.091	ng		0.00
23) Nitrobenzene-d5	7.434	82	598158	93.429	ng		0.00
42) 2,4,6-Tribromophenol	10.704	330	253421	127.580	ng		0.00
45) 2-Fluorobiphenyl	9.222	172	1176614	94.391	ng		-0.01
79) Terphenyl-d14	12.980	244	830411	83.052	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.828	88	79894	36.652	ng	#	83
3) Pyridine	3.610	79	136154	28.388	ng		99
4) n-Nitrosodimethylamine	3.498	42	111957	39.718	ng	#	90
8) 2-Chlorophenol	6.663	128	262360	47.037	ng		95
9) Benzaldehyde	6.422	77	39741	10.953	ng		99
10) Phenol	6.539	94	284093	40.586	ng		83
11) bis(2-Chloroethyl)ether	6.604	93	244227	45.595	ng		98
12) 1,3-Dichlorobenzene	6.804	146	252531	40.293	ng		99
13) 1,4-Dichlorobenzene	6.881	146	256388	40.401	ng		99
14) 1,2-Dichlorobenzene	7.034	146	246085	41.383	ng		99
15) Benzyl Alcohol	7.022	79	229716	45.194	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.134	45	296591	46.870	ng		65
17) 2-Methylphenol	7.134	107	203622	45.605	ng		93
18) Hexachloroethane	7.369	117	96432	40.686	ng		96
19) n-Nitroso-di-n-propyla...	7.281	70	195505	48.264	ng		98
20) 3+4-Methylphenols	7.292	107	274061	47.754	ng	#	68
22) Acetophenone	7.281	105	373644	46.801	ng		93
24) Nitrobenzene	7.451	77	288761	43.640	ng		98
25) Isophorone	7.698	82	526163	49.273	ng		99
26) 2-Nitrophenol	7.769	139	145036	49.461	ng		93
27) 2,4-Dimethylphenol	7.810	122	220044m	62.718	ng		
28) bis(2-Chloroethoxy)met...	7.892	93	319752	49.152	ng		100
29) 2,4-Dichlorophenol	8.022	162	229991	49.471	ng		99
30) 1,2,4-Trichlorobenzene	8.086	180	233204	43.934	ng		99
31) Naphthalene	8.169	128	782073	46.364	ng		99
32) Benzoic acid	7.957	122	125167	42.046	ng		98
34) Hexachlorobutadiene	8.275	225	152334	43.328	ng		99
35) Caprolactam	8.639	113	50427	35.050	ng		99
36) 4-Chloro-3-methylphenol	8.722	107	243594	46.799	ng		98
37) 2-Methylnaphthalene	8.857	142	536694	50.094	ng		100
38) 1-Methylnaphthalene	8.957	142	500945	47.701	ng		99
40) 1,2,4,5-Tetrachloroben...	9.028	216	265947	48.913	ng		99
41) Hexachlorocyclopentadiene	9.004	237	119134	95.886	ng		99
43) 2,4,6-Trichlorophenol	9.145	196	170288	49.912	ng		99
44) 2,4,5-Trichlorophenol	9.198	196	176166	47.577	ng		98
46) 1,1'-Biphenyl	9.322	154	683693	49.305	ng		99

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
47)	2-Chloronaphthalene	9.351	162	505833	48.143	ng		98
48)	2-Nitroaniline	9.457	65	139128	41.253	ng		97
49)	Acenaphthylene	9.769	152	813563	51.247	ng		100
50)	Dimethylphthalate	9.628	163	603349	49.326	ng		100
51)	2,6-Dinitrotoluene	9.698	165	129012	46.505	ng		91
52)	Acenaphthene	9.939	154	488751	48.453	ng		100
53)	3-Nitroaniline	9.875	138	6170	2.274	ng	#	83
54)	2,4-Dinitrophenol	9.986	184	85371	61.433	ng		96
55)	Dibenzofuran	10.110	168	715447	46.500	ng		100
56)	4-Nitrophenol	10.069	139	86348	46.664	ng		90
57)	2,4-Dinitrotoluene	10.104	165	148671	40.324	ng	#	87
58)	Fluorene	10.457	166	582193	47.141	ng		99
59)	2,3,4,6-Tetrachlorophenol	10.239	232	140769	49.467	ng		94
60)	Diethylphthalate	10.327	149	584233	47.010	ng		99
61)	4-Chlorophenyl-phenyle...	10.445	204	293000	48.344	ng		98
62)	4-Nitroaniline	10.492	138	25753	9.050	ng		92
63)	Azobenzene	10.604	77	550243	46.753	ng		98
65)	4,6-Dinitro-2-methylph...	10.522	198	70183	46.515	ng		92
66)	n-Nitrosodiphenylamine	10.563	169	424782	48.648	ng		99
67)	4-Bromophenyl-phenylether	10.933	248	173127	56.935	ng		97
68)	Hexachlorobenzene	11.004	284	195415	55.501	ng		98
69)	Atrazine	11.098	200	73961	30.109	ng		98
70)	Pentachlorophenol	11.210	266	139185	89.818	ng		99
71)	Phenanthrene	11.422	178	728236	51.309	ng		99
72)	Anthracene	11.474	178	750498	54.057	ng		100
73)	Carbazole	11.633	167	432885	32.411	ng		99
74)	Di-n-butylphthalate	11.951	149	715046	46.373	ng		100
75)	Fluoranthene	12.610	202	621048	40.302	ng		99
78)	Pyrene	12.845	202	607709	42.215	ng		99
80)	Butylbenzylphthalate	13.451	149	236720	45.647	ng		98
81)	Benzo(a)anthracene	14.039	228	548234	53.195	ng		100
83)	Chrysene	14.080	228	468852	49.752	ng		100
84)	Bis(2-ethylhexyl)phtha...	14.010	149	355051	54.221	ng		97
85)	Di-n-octyl phthalate	14.645	149	583380	65.189	ng		100
87)	Indeno(1,2,3-cd)pyrene	17.086	276	296554	40.426	ng		98
88)	Benzo(b)fluoranthene	15.121	252	501858	70.980	ng		98
89)	Benzo(k)fluoranthene	15.151	252	419025	67.724	ng		99
90)	Benzo(a)pyrene	15.504	252	358929	62.435	ng		99
91)	Dibenzo(a,h)anthracene	17.092	278	249862	41.590	ng		99
92)	Benzo(g,h,i)perylene	17.545	276	209930	34.243	ng		98

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

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