Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121924\
Data File : BF140927.D
Acq On : 19 Dec 2024 15:39
Operator : RC/JU
Sample : P5291-13MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-20241213MSD

Quant Time: Dec 19 16:08:46 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:59:50 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.851	152	51170	20.000	ng		0.00
21) Naphthalene-d8	8.128	136	191371	20.000	ng		0.00
39) Acenaphthene-d10	9.886	164	116350	20.000	ng		0.00
64) Phenanthrene-d10	11.374	188	183633	20.000	ng		0.00
76) Chrysene-d12	14.033	240	122848	20.000	ng		0.00
86) Perylene-d12	15.539	264	89792	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.498	112	557766	179.438	ng		0.01
7) Phenol-d6	6.504	99	554600	134.706	ng		0.00
23) Nitrobenzene-d5	7.416	82	417843	109.239	ng		0.00
42) 2,4,6-Tribromophenol	10.680	330	195330	141.946	ng		0.00
45) 2-Fluorobiphenyl	9.204	172	854191	100.935	ng		0.00
79) Terphenyl-d14	12.957	244	816739	104.836	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.651	88	66332	49.542	ng		99
3) Pyridine	3.451	79	90816	29.289	ng		98
4) n-Nitrosodimethylamine	3.381	42	86780	55.517	ng		97
6) Aniline	6.522	93	35293	10.026	ng	#	1
8) 2-Chlorophenol	6.645	128	189102	55.787	ng		99
9) Benzaldehyde	6.416	77	12468	5.465	ng		95
10) Phenol	6.516	94	196380	46.022	ng		80
11) bis(2-Chloroethyl)ether	6.587	93	177728	55.850	ng		100
12) 1,3-Dichlorobenzene	6.787	146	207339	53.680	ng		99
13) 1,4-Dichlorobenzene	6.869	146	210495	53.688	ng		100
14) 1,2-Dichlorobenzene	7.016	146	200550	54.214	ng		99
15) Benzyl Alcohol	6.998	79	143200	48.646	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.116	45	215263	57.423	ng		94
17) 2-Methylphenol	7.122	107	142220	52.552	ng		98
18) Hexachloroethane	7.351	117	78126	53.526	ng		97
19) n-Nitroso-di-n-propyla...	7.263	70	135304	54.787	ng		99
20) 3+4-Methylphenols	7.275	107	190394	53.055	ng	#	80
22) Acetophenone	7.263	105	268404	56.067	ng		95
24) Nitrobenzene	7.434	77	205391	52.414	ng		98
25) Isophorone	7.675	82	364074	56.806	ng		100
26) 2-Nitrophenol	7.751	139	103729	57.474	ng		97
27) 2,4-Dimethylphenol	7.792	122	142840	67.770	ng		99
28) bis(2-Chloroethoxy)met...	7.875	93	220667	55.126	ng		98
29) 2,4-Dichlorophenol	8.004	162	162086	55.701	ng		100
30) 1,2,4-Trichlorobenzene	8.069	180	176343	52.864	ng		100
31) Naphthalene	8.151	128	610888	58.112	ng		100
32) Benzoic acid	7.939	122	75751	37.895	ng		99
33) 4-Chloroaniline	8.239	127	33916	9.714	ng		97
34) Hexachlorobutadiene	8.263	225	122099	54.403	ng		100
35) Caprolactam	8.581	113	36579m	42.224	ng		
36) 4-Chloro-3-methylphenol	8.704	107	172407	52.641	ng		99
37) 2-Methylnaphthalene	8.839	142	390527	56.160	ng		100
38) 1-Methylnaphthalene	8.939	142	363904	52.914	ng		99
40) 1,2,4,5-Tetrachloroben...	9.010	216	190695	53.324	ng		100
41) Hexachlorocyclopentadiene	8.992	237	83124	70.496	ng		99
43) 2,4,6-Trichlorophenol	9.133	196	109275	49.902	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	111961	46.518	ng	98
46) 1,1'-Biphenyl	9.304	154	500084	54.052	ng	99
47) 2-Chloronaphthalene	9.333	162	372389	52.613	ng	100
48) 2-Nitroaniline	9.439	65	101537	47.500	ng	93
49) Acenaphthylene	9.745	152	616563	59.277	ng	99
50) Dimethylphthalate	9.604	163	451954	55.096	ng	100
51) 2,6-Dinitrotoluene	9.680	165	96579	51.501	ng	90
52) Acenaphthene	9.916	154	366286	55.128	ng	100
53) 3-Nitroaniline	9.857	138	14565	7.826	ng	100
54) 2,4-Dinitrophenol	9.975	184	88915	95.772	ng	92
55) Dibenzofuran	10.092	168	553087	53.720	ng	100
56) 4-Nitrophenol	10.045	139	50664	52.243	ng	98
57) 2,4-Dinitrotoluene	10.092	165	126004	51.069	ng	96
58) Fluorene	10.433	166	429686	50.588	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.222	232	98397	50.171	ng	98
60) Diethylphthalate	10.304	149	422199	49.634	ng	99
61) 4-Chlorophenyl-phenyle...	10.422	204	216006	50.627	ng	99
62) 4-Nitroaniline	10.469	138	52024m	26.751	ng	
63) Azobenzene	10.586	77	394801	49.370	ng	96
65) 4,6-Dinitro-2-methylph...	10.504	198	64738	62.214	ng	96
66) n-Nitrosodiphenylamine	10.545	169	257939	45.686	ng	99
67) 4-Bromophenyl-phenylether	10.916	248	125658	61.167	ng	96
68) Hexachlorobenzene	10.986	284	140192	60.189	ng	99
69) Atrazine	11.069	200	21893	13.884	ng	96
70) Pentachlorophenol	11.192	266	80143	94.112	ng	99
71) Phenanthrene	11.398	178	571398	60.509	ng	99
72) Anthracene	11.451	178	576379	61.978	ng	99
73) Carbazole	11.610	167	308077	33.822	ng	100
74) Di-n-butylphthalate	11.927	149	610767	57.133	ng	99
75) Fluoranthene	12.592	202	563657	51.829	ng	100
77) Benzidine	12.745	184	4310m	1.719	ng	
78) Pyrene	12.821	202	571583	52.322	ng	99
80) Butylbenzylphthalate	13.427	149	216729	53.918	ng	100
81) Benzo(a)anthracene	14.021	228	475492	54.613	ng	99
82) 3,3'-Dichlorobenzidine	13.986	252	2474m	0.942	ng	
83) Chrysene	14.063	228	447642	56.540	ng	99
84) Bis(2-ethylhexyl)phtha...	13.986	149	305871	59.014	ng	100
85) Di-n-octyl phthalate	14.627	149	490124	62.505	ng	99
87) Indeno(1,2,3-cd)pyrene	17.062	276	584171	104.254	ng	99
88) Benzo(b)fluoranthene	15.104	252	486714	78.088	ng	100
89) Benzo(k)fluoranthene	15.133	252	384189	71.857	ng	100
90) Benzo(a)pyrene	15.480	252	408017	83.600	ng	100
91) Dibenzo(a,h)anthracene	17.062	278	502471	108.242	ng	99
92) Benzo(g,h,i)perylene	17.509	276	427180	90.416	ng	99

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

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