Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121024\
Data File : BF140800.D
Acq On : 10 Dec 2024 12:21
Operator : RC/JU
Sample : P5174-01MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-COMPMS

Quant Time: Dec 10 14:14:04 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	68449	20.000	ng		-0.01
21) Naphthalene-d8	8.145	136	246721	20.000	ng		-0.01
39) Acenaphthene-d10	9.904	164	116245	20.000	ng		-0.01
64) Phenanthrene-d10	11.392	188	172929	20.000	ng		-0.01
76) Chrysene-d12	14.045	240	140905	20.000	ng		0.00
86) Perylene-d12	15.539	264	142526	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.504	112	414387	103.293	ng		0.00
7) Phenol-d6	6.510	99	538742	101.580	ng		0.00
23) Nitrobenzene-d5	7.428	82	346545	71.846	ng		-0.01
42) 2,4,6-Tribromophenol	10.698	330	107488	86.457	ng		0.00
45) 2-Fluorobiphenyl	9.216	172	567147	72.693	ng		-0.02
79) Terphenyl-d14	12.974	244	420189	46.435	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.675	88	78212	46.369	ng		97
3) Pyridine	3.446	79	189902	51.170	ng		99
4) n-Nitrosodimethylamine	3.398	42	98733	45.266	ng		90
6) Aniline	6.534	93	135574	36.318	ng	#	82
8) 2-Chlorophenol	6.657	128	218300	50.579	ng		95
9) Benzaldehyde	6.422	77	63708	22.691	ng		98
10) Phenol	6.522	94	276338	51.019	ng		94
11) bis(2-Chloroethyl)ether	6.598	93	210831	50.867	ng		98
12) 1,3-Dichlorobenzene	6.804	146	232705	47.983	ng		99
13) 1,4-Dichlorobenzene	6.881	146	238665	48.603	ng		99
14) 1,2-Dichlorobenzene	7.034	146	226236	49.168	ng		100
15) Benzyl Alcohol	7.010	79	191617	48.719	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.134	45	248953	50.843	ng		67
17) 2-Methylphenol	7.128	107	169881	49.170	ng		96
18) Hexachloroethane	7.369	117	92316	50.335	ng		96
19) n-Nitroso-di-n-propyla...	7.275	70	156654	49.978	ng		96
20) 3+4-Methylphenols	7.286	107	223956	50.431	ng	#	71
22) Acetophenone	7.275	105	305633	50.812	ng		94
24) Nitrobenzene	7.445	77	229188	45.974	ng		99
25) Isophorone	7.686	82	408171	50.735	ng		99
26) 2-Nitrophenol	7.763	139	113777	51.501	ng		98
27) 2,4-Dimethylphenol	7.804	122	170083m	64.346	ng		
28) bis(2-Chloroethoxy)met...	7.892	93	246673	50.330	ng		99
29) 2,4-Dichlorophenol	8.016	162	181335	51.772	ng		97
30) 1,2,4-Trichlorobenzene	8.086	180	187547	46.897	ng		99
31) Naphthalene	8.169	128	641084	50.446	ng		99
32) Benzoic acid	7.939	122	80152	36.816	ng		99
33) 4-Chloroaniline	8.228	127	55954	14.706	ng		96
34) Hexachlorobutadiene	8.281	225	128068	48.349	ng		99
35) Caprolactam	8.586	113	55240	50.963	ng	#	83
36) 4-Chloro-3-methylphenol	8.716	107	181399	46.257	ng		98
37) 2-Methylnaphthalene	8.857	142	415639	51.493	ng		100
38) 1-Methylnaphthalene	8.957	142	377440	47.705	ng		100
40) 1,2,4,5-Tetrachloroben...	9.028	216	187729	55.165	ng		99
41) Hexachlorocyclopentadiene	9.010	237	93996	118.973	ng		98
43) 2,4,6-Trichlorophenol	9.145	196	110627	51.806	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	110524	47.691	ng		96
46) 1,1'-Biphenyl	9.322	154	474615	54.686	ng		99
47) 2-Chloronaphthalene	9.351	162	343997	52.309	ng		99
48) 2-Nitroaniline	9.451	65	105061	49.772	ng		98
49) Acenaphthylene	9.763	152	546021	54.952	ng		99
50) Dimethylphthalate	9.622	163	397892	51.972	ng		99
51) 2,6-Dinitrotoluene	9.692	165	83956	48.353	ng		93
52) Acenaphthene	9.933	154	332511	52.667	ng		99
53) 3-Nitroaniline	9.863	138	43153	25.411	ng		96
54) 2,4-Dinitrophenol	9.986	184	34576	42.513	ng		98
55) Dibenzofuran	10.110	168	488947	50.773	ng		99
56) 4-Nitrophenol	10.051	139	71711	61.918	ng		96
57) 2,4-Dinitrotoluene	10.098	165	105030	45.515	ng		96
58) Fluorene	10.451	166	388390	50.246	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	78708	44.191	ng	#	95
60) Diethylphthalate	10.322	149	373744	48.049	ng		99
61) 4-Chlorophenyl-phenyle...	10.439	204	181556	47.861	ng		98
62) 4-Nitroaniline	10.480	138	66414	37.289	ng		96
63) Azobenzene	10.604	77	365990	49.685	ng		94
65) 4,6-Dinitro-2-methylph...	10.516	198	32185	36.422	ng		91
66) n-Nitrosodiphenylamine	10.563	169	341738	66.825	ng		97
67) 4-Bromophenyl-phenylether	10.933	248	101123	56.782	ng		98
68) Hexachlorobenzene	11.004	284	106383	51.589	ng		98
69) Atrazine	11.086	200	84305	58.600	ng		98
70) Pentachlorophenol	11.210	266	65069	71.695	ng		98
71) Phenanthrene	11.421	178	580762	69.866	ng		99
72) Anthracene	11.469	178	469994	57.801	ng		99
73) Carbazole	11.627	167	385520	49.285	ng		99
74) Di-n-butylphthalate	11.945	149	463427	51.316	ng		100
75) Fluoranthene	12.610	202	732175	81.125	ng		99
77) Benzidine	12.733	184	78439	19.147	ng		99
78) Pyrene	12.845	202	722099	55.425	ng		100
80) Butylbenzylphthalate	13.451	149	194194	41.376	ng		99
81) Benzo(a)anthracene	14.033	228	602008	64.542	ng		99
82) 3,3'-Dichlorobenzidine	13.992	252	85514	30.536	ng		99
83) Chrysene	14.074	228	558868	65.527	ng		100
84) Bis(2-ethylhexyl)phtha...	14.004	149	270824	45.698	ng		99
85) Di-n-octyl phthalate	14.627	149	489557	60.446	ng		99
87) Indeno(1,2,3-cd)pyrene	17.056	276	377663	40.660	ng		99
88) Benzo(b)fluoranthene	15.104	252	658967	73.609	ng		99
89) Benzo(k)fluoranthene	15.133	252	433363	55.318	ng		99
90) Benzo(a)pyrene	15.480	252	499620	68.639	ng		99
91) Dibenzo(a,h)anthracene	17.062	278	282304	37.112	ng		99
92) Benzo(g,h,i)perylene	17.509	276	274717	35.391	ng		97

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

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