Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121024\
Data File : BF140801.D
Acq On : 10 Dec 2024 12:47
Operator : RC/JU
Sample : P5174-01MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-COMPMSD

Quant Time: Dec 10 14:15:10 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	74812	20.000	ng		-0.01
21) Naphthalene-d8	8.145	136	269947	20.000	ng		-0.01
39) Acenaphthene-d10	9.904	164	134407	20.000	ng		-0.01
64) Phenanthrene-d10	11.392	188	182939	20.000	ng		-0.01
76) Chrysene-d12	14.045	240	152886	20.000	ng		0.00
86) Perylene-d12	15.539	264	142462	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.504	112	462885	105.568	ng		0.00
7) Phenol-d6	6.510	99	594334	102.530	ng		0.00
23) Nitrobenzene-d5	7.428	82	391924	74.263	ng		-0.01
42) 2,4,6-Tribromophenol	10.698	330	113829	79.186	ng		0.00
45) 2-Fluorobiphenyl	9.222	172	655001	72.609	ng		-0.01
79) Terphenyl-d14	12.974	244	465788	47.440	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.675	88	87412	47.416	ng		97
3) Pyridine	3.451	79	217379	53.592	ng		99
4) n-Nitrosodimethylamine	3.404	42	109552	45.954	ng		87
6) Aniline	6.534	93	176580	43.279	ng	#	83
8) 2-Chlorophenol	6.657	128	244644	51.861	ng		96
9) Benzaldehyde	6.422	77	69517	22.654	ng		94
10) Phenol	6.528	94	311978	52.700	ng		99
11) bis(2-Chloroethyl)ether	6.598	93	234316	51.725	ng		98
12) 1,3-Dichlorobenzene	6.804	146	262947	49.608	ng		98
13) 1,4-Dichlorobenzene	6.881	146	265998	49.562	ng		100
14) 1,2-Dichlorobenzene	7.033	146	251112	49.932	ng		99
15) Benzyl Alcohol	7.016	79	212025	49.322	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.133	45	282355	52.760	ng		68
17) 2-Methylphenol	7.128	107	189134	50.087	ng		96
18) Hexachloroethane	7.375	117	105156	52.460	ng		100
19) n-Nitroso-di-n-propyla...	7.275	70	175205	51.143	ng		96
20) 3+4-Methylphenols	7.286	107	248109	51.118	ng	#	72
22) Acetophenone	7.275	105	340963	51.809	ng		94
24) Nitrobenzene	7.451	77	261697	47.978	ng		96
25) Isophorone	7.686	82	458829	52.125	ng		99
26) 2-Nitrophenol	7.763	139	126297	52.250	ng		99
27) 2,4-Dimethylphenol	7.804	122	190923m	66.015	ng		
28) bis(2-Chloroethoxy)met...	7.892	93	277484	51.745	ng		99
29) 2,4-Dichlorophenol	8.016	162	199410	52.035	ng		99
30) 1,2,4-Trichlorobenzene	8.086	180	214054	48.920	ng		99
31) Naphthalene	8.169	128	719998	51.781	ng		99
32) Benzoic acid	7.939	122	84646	35.786	ng		97
33) 4-Chloroaniline	8.228	127	64767	15.557	ng		97
34) Hexachlorobutadiene	8.280	225	142143	49.046	ng		99
35) Caprolactam	8.586	113	60308	50.851	ng	#	79
36) 4-Chloro-3-methylphenol	8.716	107	199875	46.583	ng		100
37) 2-Methylnaphthalene	8.857	142	488756	55.341	ng		98
38) 1-Methylnaphthalene	8.957	142	436010	50.366	ng		100
40) 1,2,4,5-Tetrachloroben...	9.027	216	210852	53.587	ng		98
41) Hexachlorocyclopentadiene	9.010	237	104909	115.096	ng		99
43) 2,4,6-Trichlorophenol	9.145	196	123739	50.117	ng		100

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.198	196	123959	46.260	ng		96
46)	1,1'-Biphenyl	9.322	154	550140	54.822	ng		99
47)	2-Chloronaphthalene	9.351	162	397598	52.290	ng		98
48)	2-Nitroaniline	9.451	65	123316	50.526	ng		98
49)	Acenaphthylene	9.763	152	622227	54.160	ng		99
50)	Dimethylphthalate	9.622	163	458225	51.765	ng		100
51)	2,6-Dinitrotoluene	9.692	165	94950	47.296	ng		94
52)	Acenaphthene	9.939	154	376630	51.595	ng		99
53)	3-Nitroaniline	9.863	138	55196	28.111	ng		95
54)	2,4-Dinitrophenol	9.986	184	28633	32.669	ng		97
55)	Dibenzofuran	10.110	168	543472	48.810	ng		98
56)	4-Nitrophenol	10.051	139	80758	60.307	ng		96
57)	2,4-Dinitrotoluene	10.104	165	116978	43.843	ng	#	94
58)	Fluorene	10.451	166	429589	48.066	ng		99
59)	2,3,4,6-Tetrachlorophenol	10.239	232	93970	45.630	ng	#	93
60)	Diethylphthalate	10.322	149	425614	47.323	ng		99
61)	4-Chlorophenyl-phenyle...	10.439	204	211202	48.153	ng		99
62)	4-Nitroaniline	10.480	138	73023	35.459	ng		93
63)	Azobenzene	10.604	77	400668	47.043	ng		94
65)	4,6-Dinitro-2-methylph...	10.516	198	29405	31.455	ng		88
66)	n-Nitrosodiphenylamine	10.563	169	365989	67.651	ng		97
67)	4-Bromophenyl-phenylether	10.933	248	108100	57.378	ng		97
68)	Hexachlorobenzene	11.004	284	113054	51.824	ng		97
69)	Atrazine	11.086	200	91375	60.039	ng		98
70)	Pentachlorophenol	11.210	266	70570	73.501	ng		99
71)	Phenanthrene	11.421	178	630271	71.673	ng		99
72)	Anthracene	11.468	178	509906	59.278	ng		99
73)	Carbazole	11.627	167	435929	52.680	ng		99
74)	Di-n-butylphthalate	11.945	149	524802	54.933	ng		99
75)	Fluoranthene	12.610	202	796158	83.387	ng		99
77)	Benzidine	12.733	184	88246	19.853	ng		98
78)	Pyrene	12.845	202	821119	58.086	ng		99
80)	Butylbenzylphthalate	13.451	149	217503	42.711	ng		99
81)	Benzo(a)anthracene	14.033	228	716473	70.795	ng		99
82)	3,3'-Dichlorobenzidine	13.992	252	108998	35.872	ng		98
83)	Chrysene	14.074	228	617925	66.774	ng		99
84)	Bis(2-ethylhexyl)phtha...	14.004	149	301624	46.907	ng		99
85)	Di-n-octyl phthalate	14.627	149	545228	62.044	ng		98
87)	Indeno(1,2,3-cd)pyrene	17.062	276	410526	44.218	ng		98
88)	Benzo(b)fluoranthene	15.104	252	712803	79.658	ng		98
89)	Benzo(k)fluoranthene	15.133	252	494962	63.210	ng		98
90)	Benzo(a)pyrene	15.480	252	507648	69.774	ng		98
91)	Dibenzo(a,h)anthracene	17.068	278	305961	40.240	ng		98
92)	Benzo(g,h,i)perylene	17.515	276	279289	35.997	ng		99

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

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