Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121024\
Data File : BF140815.D
Acq On : 10 Dec 2024 19:18
Operator : RC/JU
Sample : P5216-13MS
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-12MS

Quant Time: Dec 11 00:34:36 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	93767	20.000	ng		-0.01
21) Naphthalene-d8	8.145	136	338326	20.000	ng		-0.01
39) Acenaphthene-d10	9.904	164	167935	20.000	ng		-0.01
64) Phenanthrene-d10	11.392	188	253503	20.000	ng		-0.01
76) Chrysene-d12	14.045	240	149081	20.000	ng		0.00
86) Perylene-d12	15.545	264	112734	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.516	112	612366	111.428	ng		0.02
7) Phenol-d6	6.522	99	773829	106.510	ng		0.00
23) Nitrobenzene-d5	7.428	82	519684	78.569	ng		-0.01
42) 2,4,6-Tribromophenol	10.698	330	194727	108.418	ng		0.00
45) 2-Fluorobiphenyl	9.222	172	947185	84.036	ng		-0.01
79) Terphenyl-d14	12.974	244	655820	68.499	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.734	88	94469	40.885	ng		99
3) Pyridine	3.546	79	239759	47.160	ng		99
4) n-Nitrosodimethylamine	3.463	42	124071	41.523	ng	#	87
6) Aniline	6.540	93	72943	14.264	ng	#	1
8) 2-Chlorophenol	6.663	128	306318	51.809	ng		94
9) Benzaldehyde	6.422	77	82366	21.415	ng		99
10) Phenol	6.534	94	362055	48.796	ng		88
11) bis(2-Chloroethyl)ether	6.598	93	292818	51.572	ng		100
12) 1,3-Dichlorobenzene	6.804	146	321933	48.458	ng		98
13) 1,4-Dichlorobenzene	6.881	146	327149	48.634	ng		99
14) 1,2-Dichlorobenzene	7.034	146	304389	48.291	ng		99
15) Benzyl Alcohol	7.016	79	266826	49.523	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.134	45	349438	52.095	ng		65
17) 2-Methylphenol	7.134	107	231988	49.016	ng		93
18) Hexachloroethane	7.369	117	121790	48.476	ng		98
19) n-Nitroso-di-n-propyla...	7.281	70	216290	50.373	ng		98
20) 3+4-Methylphenols	7.292	107	305454	50.211	ng	#	65
22) Acetophenone	7.275	105	416521	50.498	ng	#	93
24) Nitrobenzene	7.451	77	328654	48.076	ng		97
25) Isophorone	7.698	82	578937	52.477	ng		99
26) 2-Nitrophenol	7.763	139	161408	53.279	ng		97
27) 2,4-Dimethylphenol	7.810	122	234783m	64.773	ng		
28) bis(2-Chloroethoxy)met...	7.892	93	353855	52.650	ng		99
29) 2,4-Dichlorophenol	8.016	162	243499	50.697	ng		99
30) 1,2,4-Trichlorobenzene	8.086	180	267973	48.865	ng		99
31) Naphthalene	8.169	128	882923	50.665	ng		99
32) Benzoic acid	7.957	122	142541	45.611	ng		97
33) 4-Chloroaniline	8.233	127	20026m	3.838	ng		
34) Hexachlorobutadiene	8.275	225	161440	44.446	ng		99
35) Caprolactam	8.639	113	56677	38.131	ng		96
36) 4-Chloro-3-methylphenol	8.722	107	251948	46.852	ng		99
37) 2-Methylnaphthalene	8.857	142	583353	52.703	ng		99
38) 1-Methylnaphthalene	8.957	142	535307	49.339	ng		100
40) 1,2,4,5-Tetrachloroben...	9.022	216	283394	57.644	ng		99
41) Hexachlorocyclopentadiene	9.004	237	118905	105.084	ng		99
43) 2,4,6-Trichlorophenol	9.145	196	173927	56.380	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	173349	51.776	ng		98
46) 1,1'-Biphenyl	9.322	154	688912	54.945	ng		99
47) 2-Chloronaphthalene	9.351	162	509936	53.675	ng		98
48) 2-Nitroaniline	9.457	65	135060	44.290	ng		94
49) Acenaphthylene	9.763	152	830918	57.885	ng		99
50) Dimethylphthalate	9.628	163	588211	53.183	ng		100
51) 2,6-Dinitrotoluene	9.692	165	127352	50.771	ng		98
52) Acenaphthene	9.939	154	475220	52.103	ng		100
53) 3-Nitroaniline	9.869	138	32777	13.360	ng	#	95
54) 2,4-Dinitrophenol	9.986	184	84681	66.633	ng		95
55) Dibenzofuran	10.110	168	717573	51.579	ng		99
56) 4-Nitrophenol	10.057	139	96696	57.793	ng		93
57) 2,4-Dinitrotoluene	10.104	165	148380	44.509	ng	#	93
58) Fluorene	10.451	166	581977	52.117	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	138299	53.748	ng		94
60) Diethylphthalate	10.322	149	565938	50.363	ng		100
61) 4-Chlorophenyl-phenyle...	10.439	204	293863	53.623	ng		98
62) 4-Nitroaniline	10.486	138	56576	21.988	ng		91
63) Azobenzene	10.604	77	595065m	55.919	ng		
65) 4,6-Dinitro-2-methylph...	10.516	198	68129	52.593	ng		95
66) n-Nitrosodiphenylamine	10.563	169	471679	62.918	ng		99
67) 4-Bromophenyl-phenylether	10.933	248	160951	61.651	ng		96
68) Hexachlorobenzene	11.004	284	186555	61.713	ng		99
69) Atrazine	11.092	200	114647	54.361	ng		99
70) Pentachlorophenol	11.210	266	143934	108.183	ng		99
71) Phenanthrene	11.422	178	661583	54.292	ng		99
72) Anthracene	11.469	178	660724	55.430	ng		100
73) Carbazole	11.627	167	473665	41.307	ng		100
74) Di-n-butylphthalate	11.945	149	646621	48.844	ng		100
75) Fluoranthene	12.610	202	624673	47.215	ng		99
78) Pyrene	12.839	202	648112	47.018	ng		99
80) Butylbenzylphthalate	13.451	149	224193	45.148	ng		99
81) Benzo(a)anthracene	14.033	228	554665	56.205	ng		99
82) 3,3'-Dichlorobenzidine	13.998	252	41513	14.011	ng	#	95
83) Chrysene	14.074	228	481621	53.373	ng		99
84) Bis(2-ethylhexyl)phtha...	14.010	149	354292	56.504	ng		97
85) Di-n-octyl phthalate	14.633	149	423961	49.476	ng		98
87) Indeno(1,2,3-cd)pyrene	17.062	276	300876	40.954	ng		99
88) Benzo(b)fluoranthene	15.110	252	345147	48.743	ng		99
89) Benzo(k)fluoranthene	15.139	252	312604	50.449	ng		100
90) Benzo(a)pyrene	15.480	252	325767	56.582	ng		99
91) Dibenzo(a,h)anthracene	17.068	278	240685	40.003	ng		98
92) Benzo(g,h,i)perylene	17.521	276	227753	37.095	ng		99

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

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