Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102424\
Data File : BF140020.D
Acq On : 25 Oct 2024 00:22
Operator : RC/JU
Sample : P4487-05MSD
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BP-F27MSD

Quant Time: Oct 25 01:11:14 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 18 15:07:50 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	80543	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	298278	20.000	ng	0.00
39) Acenaphthene-d10	9.927	164	158034	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	239210	20.000	ng	# 0.00
76) Chrysene-d12	14.051	240	143604	20.000	ng	0.00
86) Perylene-d12	15.527	264	185741	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	513946	99.894	ng	0.01
7) Phenol-d6	6.510	99	648815	97.369	ng	0.00
23) Nitrobenzene-d5	7.451	82	423314	78.657	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	171563	116.062	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	717517	75.037	ng	0.00
79) Terphenyl-d14	12.992	244	526925	59.790	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.734	88	97824	40.780	ng	97
3) Pyridine	3.493	79	253128	42.572	ng	98
4) n-Nitrosodimethylamine	3.440	42	152672	47.791	ng	93
6) Aniline	6.551	93	238833	38.458	ng	100
8) 2-Chlorophenol	6.675	128	274849	52.256	ng	96
9) Benzaldehyde	6.439	77	56735	15.135	ng	97
10) Phenol	6.528	94	342719m	49.888	ng	
11) bis(2-Chloroethyl)ether	6.622	93	260882	49.132	ng	99
12) 1,3-Dichlorobenzene	6.834	146	300305	49.739	ng	100
13) 1,4-Dichlorobenzene	6.910	146	301816	50.036	ng	100
14) 1,2-Dichlorobenzene	7.063	146	291771	51.827	ng	99
15) Benzyl Alcohol	7.028	79	263321	53.872	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.163	45	420071	46.397	ng	96
17) 2-Methylphenol	7.139	107	217445	48.484	ng	97
18) Hexachloroethane	7.404	117	111634	51.898	ng	97
19) n-Nitroso-di-n-propyla...	7.304	70	202244	50.043	ng	97
20) 3+4-Methylphenols	7.286	107	282325	49.215	ng	93
22) Acetophenone	7.298	105	382695	52.382	ng	99
24) Nitrobenzene	7.469	77	307045	52.037	ng	98
25) Isophorone	7.710	82	548163	53.665	ng	99
26) 2-Nitrophenol	7.786	139	141070	63.374	ng	98
27) 2,4-Dimethylphenol	7.822	122	212072	57.135	ng	97
28) bis(2-Chloroethoxy)met...	7.922	93	316515	51.144	ng	100
29) 2,4-Dichlorophenol	8.028	162	223962	52.974	ng	98
30) 1,2,4-Trichlorobenzene	8.110	180	242047	51.740	ng	99
31) Naphthalene	8.192	128	803102	52.206	ng	100
32) Benzoic acid	7.922	122	157414	48.624	ng	98
33) 4-Chloroaniline	8.239	127	63963	12.194	ng	98
34) Hexachlorobutadiene	8.310	225	165091	56.166	ng	99
35) Caprolactam	8.610	113	68797m	51.177	ng	
36) 4-Chloro-3-methylphenol	8.716	107	245795	52.505	ng	100
37) 2-Methylnaphthalene	8.886	142	501231	53.201	ng	100
38) 1-Methylnaphthalene	8.986	142	465788	50.391	ng	100
40) 1,2,4,5-Tetrachloroben...	9.051	216	240761	56.470	ng	99
41) Hexachlorocyclopentadiene	9.039	237	288568	194.519	ng	100
43) 2,4,6-Trichlorophenol	9.157	196	169849	56.269	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	170012	54.591	ng		100
46) 1,1'-Biphenyl	9.351	154	600748	54.606	ng		98
47) 2-Chloronaphthalene	9.375	162	473283	53.414	ng		99
48) 2-Nitroaniline	9.469	65	158300	58.413	ng		94
49) Acenaphthylene	9.792	152	720960	56.281	ng		99
50) Dimethylphthalate	9.645	163	561206	57.012	ng		100
51) 2,6-Dinitrotoluene	9.710	165	118690	55.688	ng		98
52) Acenaphthene	9.963	154	502425	60.630	ng		99
53) 3-Nitroaniline	9.875	138	72763	33.105	ng		99
54) 2,4-Dinitrophenol	9.980	184	112839	123.556	ng	#	1
55) Dibenzofuran	10.133	168	645787	54.316	ng		98
56) 4-Nitrophenol	10.027	139	171107	101.188	ng		92
57) 2,4-Dinitrotoluene	10.110	165	158167	60.347	ng	#	100
58) Fluorene	10.475	166	484360	53.487	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	132835	54.410	ng		99
60) Diethylphthalate	10.351	149	537841	55.648	ng		100
61) 4-Chlorophenyl-phenyle...	10.469	204	250061	54.680	ng		98
62) 4-Nitroaniline	10.492	138	102955	49.596	ng		93
63) Azobenzene	10.627	77	595637	58.131	ng		96
65) 4,6-Dinitro-2-methylph...	10.516	198	77249	79.171	ng		96
66) n-Nitrosodiphenylamine	10.586	169	438458	61.242	ng		100
67) 4-Bromophenyl-phenylether	10.957	248	152105	61.723	ng		98
68) Hexachlorobenzene	11.022	284	163024	58.821	ng		100
69) Atrazine	11.110	200	139917	72.144	ng		97
70) Pentachlorophenol	11.216	266	184631	109.765	ng		99
71) Phenanthrene	11.439	178	635689	56.259	ng		100
72) Anthracene	11.492	178	641611	58.199	ng		100
73) Carbazole	11.639	167	527613	51.459	ng		100
74) Di-n-butylphthalate	11.974	149	711730	60.083	ng		99
75) Fluoranthene	12.627	202	540952	47.358	ng		98
77) Benzidine	12.745	184	114163	48.347	ng		99
78) Pyrene	12.857	202	540672	43.013	ng		99
80) Butylbenzylphthalate	13.468	149	221854	58.870	ng		99
81) Benzo(a)anthracene	14.039	228	535529	57.287	ng		99
82) 3,3'-Dichlorobenzidine	14.004	252	108094	39.659	ng		99
83) Chrysene	14.080	228	474576	55.369	ng		99
84) Bis(2-ethylhexyl)phtha...	14.027	149	294429	69.636	ng		100
85) Di-n-octyl phthalate	14.645	149	553331	71.950	ng		97
87) Indeno(1,2,3-cd)pyrene	17.027	276	592179	49.558	ng		96
88) Benzo(b)fluoranthene	15.098	252	572713	50.617	ng		99
89) Benzo(k)fluoranthene	15.127	252	555644	56.943	ng		98
90) Benzo(a)pyrene	15.468	252	551447	59.232	ng		98
91) Dibenzo(a,h)anthracene	17.045	278	487494	48.904	ng		98
92) Benzo(g,h,i)perylene	17.480	276	411059	41.283	ng		96

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

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