Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102424\
Data File : BF140005.D
Acq On : 24 Oct 2024 17:17
Operator : RC/JU
Sample : P4467-01MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-1MSD

Quant Time: Oct 24 17:45:55 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	6.893	152	131947	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	501368	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	271082	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	450738	20.000	ng	0.00
76) Chrysene-d12	14.051	240	233244	20.000	ng	0.00
86) Perylene-d12	15.527	264	308426	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	799674	94.877	ng	0.01
7) Phenol-d6	6.510	99	1012285	92.732	ng	0.00
23) Nitrobenzene-d5	7.451	82	638656	70.600	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	279554	110.251	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1119419	68.247	ng	0.00
79) Terphenyl-d14	12.992	244	929562	64.941	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.740	88	170681	43.433	ng	95
3) Pyridine	3.499	79	437331	44.897	ng	95
4) n-Nitrosodimethylamine	3.452	42	231921	44.315	ng	95
6) Aniline	6.551	93	449056	44.139	ng	98
8) 2-Chlorophenol	6.675	128	437510	50.776	ng	96
9) Benzaldehyde	6.440	77	94660	15.414	ng	98
10) Phenol	6.528	94	544689m	48.399	ng	
11) bis(2-Chloroethyl)ether	6.622	93	426841	49.070	ng	99
12) 1,3-Dichlorobenzene	6.834	146	474358	47.959	ng	98
13) 1,4-Dichlorobenzene	6.910	146	484574	49.037	ng	98
14) 1,2-Dichlorobenzene	7.057	146	465650	50.490	ng	98
15) Benzyl Alcohol	7.028	79	401147	50.096	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.163	45	694463	46.821	ng	97
17) 2-Methylphenol	7.134	107	363394	49.460	ng	100
18) Hexachloroethane	7.404	117	171917	48.787	ng	95
19) n-Nitroso-di-n-propyla...	7.298	70	316676	47.831	ng	98
20) 3+4-Methylphenols	7.287	107	451943	48.091	ng	95
22) Acetophenone	7.298	105	598941	48.773	ng	97
24) Nitrobenzene	7.469	77	476377	48.031	ng	98
25) Isophorone	7.710	82	872334	50.807	ng	99
26) 2-Nitrophenol	7.787	139	229681	61.385	ng	95
27) 2,4-Dimethylphenol	7.822	122	361571	57.953	ng	100
28) bis(2-Chloroethoxy)met...	7.916	93	518995	49.892	ng	99
29) 2,4-Dichlorophenol	8.022	162	361564	50.879	ng	99
30) 1,2,4-Trichlorobenzene	8.110	180	385361	49.007	ng	99
31) Naphthalene	8.193	128	1262514	48.826	ng	99
32) Benzoic acid	7.928	122	258670	47.536	ng	96
33) 4-Chloroaniline	8.234	127	155580	17.645	ng	100
34) Hexachlorobutadiene	8.310	225	248809	50.360	ng	99
35) Caprolactam	8.610	113	113194m	50.095	ng	
36) 4-Chloro-3-methylphenol	8.716	107	397485	50.514	ng	99
37) 2-Methylnaphthalene	8.887	142	796790	50.314	ng	100
38) 1-Methylnaphthalene	8.987	142	747926	48.138	ng	99
40) 1,2,4,5-Tetrachloroben...	9.051	216	382027	52.237	ng	99
41) Hexachlorocyclopentadiene	9.040	237	462690	181.825	ng	98
43) 2,4,6-Trichlorophenol	9.157	196	280594	54.192	ng	100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	276809	51.817	ng		99
46) 1,1'-Biphenyl	9.351	154	961569	50.954	ng		99
47) 2-Chloronaphthalene	9.375	162	765331	50.353	ng		99
48) 2-Nitroaniline	9.469	65	256691	55.219	ng		91
49) Acenaphthylene	9.792	152	1191031	54.203	ng		99
50) Dimethylphthalate	9.651	163	891137	52.777	ng		100
51) 2,6-Dinitrotoluene	9.710	165	194168	53.110	ng		94
52) Acenaphthene	9.963	154	791591	55.689	ng		99
53) 3-Nitroaniline	9.875	138	128233	34.012	ng		95
54) 2,4-Dinitrophenol	9.981	184	170043	109.339	ng	#	1
55) Dibenzofuran	10.134	168	1038826	50.937	ng		99
56) 4-Nitrophenol	10.034	139	300808	103.705	ng		97
57) 2,4-Dinitrotoluene	10.110	165	256418	57.034	ng		98
58) Fluorene	10.475	166	786374	50.624	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.251	232	223414	53.349	ng		97
60) Diethylphthalate	10.351	149	856016	51.633	ng		99
61) 4-Chlorophenyl-phenyle...	10.469	204	405285	51.665	ng		97
62) 4-Nitroaniline	10.492	138	186131	52.272	ng		95
63) Azobenzene	10.628	77	949473	54.021	ng		96
65) 4,6-Dinitro-2-methylph...	10.516	198	123475	67.159	ng		94
66) n-Nitrosodiphenylamine	10.586	169	725635	53.789	ng		99
67) 4-Bromophenyl-phenylether	10.957	248	258439	55.657	ng		97
68) Hexachlorobenzene	11.022	284	281314	53.868	ng		97
69) Atrazine	11.110	200	239754	65.607	ng		99
70) Pentachlorophenol	11.216	266	299684	94.554	ng		99
71) Phenanthrene	11.439	178	1105042	51.902	ng		100
72) Anthracene	11.492	178	1124220	54.119	ng		99
73) Carbazole	11.645	167	927677	48.017	ng		99
74) Di-n-butylphthalate	11.975	149	1227353	54.987	ng		100
75) Fluoranthene	12.628	202	986151	45.817	ng		99
77) Benzidine	12.745	184	285122	74.341	ng		99
78) Pyrene	12.857	202	962523	47.144	ng		100
80) Butylbenzylphthalate	13.475	149	372387	60.838	ng		97
81) Benzo(a)anthracene	14.039	228	810278	53.366	ng		100
82) 3,3'-Dichlorobenzidine	14.004	252	165178	37.312	ng		100
83) Chrysene	14.080	228	705708	50.692	ng		100
84) Bis(2-ethylhexyl)phtha...	14.027	149	475991	69.312	ng		100
85) Di-n-octyl phthalate	14.645	149	805210	64.464	ng		96
87) Indeno(1,2,3-cd)pyrene	17.027	276	1044523	52.642	ng		98
88) Benzo(b)fluoranthene	15.098	252	880827	46.882	ng		100
89) Benzo(k)fluoranthene	15.127	252	864790	53.372	ng		99
90) Benzo(a)pyrene	15.468	252	864313	55.909	ng		99
91) Dibenzo(a,h)anthracene	17.051	278	866590	52.354	ng		98
92) Benzo(g,h,i)perylene	17.480	276	745658	45.099	ng		99

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

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