Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102424\
Data File : BF140019.D
Acq On : 24 Oct 2024 23:54
Operator : RC/JU
Sample : P4487-05MS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BP-F27MS

Quant Time: Oct 25 01:10:49 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	80122	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	300310	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	157173	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	235869	20.000	ng	0.00
76) Chrysene-d12	14.051	240	144960	20.000	ng	0.00
86) Perylene-d12	15.527	264	189728	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	500605	97.812	ng	0.01
7) Phenol-d6	6.510	99	634531	95.725	ng	0.00
23) Nitrobenzene-d5	7.451	82	413153	76.249	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	161381	109.772	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	695967	73.182	ng	0.00
79) Terphenyl-d14	12.992	244	501785	56.405	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.734	88	96074	40.261	ng	97
3) Pyridine	3.487	79	247882	41.908	ng	98
4) n-Nitrosodimethylamine	3.440	42	151099	47.547	ng	93
6) Aniline	6.551	93	228892	37.051	ng	100
8) 2-Chlorophenol	6.675	128	262502	50.171	ng	97
9) Benzaldehyde	6.440	77	54655	14.657	ng	99
10) Phenol	6.528	94	331705m	48.539	ng	
11) bis(2-Chloroethyl)ether	6.622	93	253145	47.926	ng	99
12) 1,3-Dichlorobenzene	6.834	146	293039	48.790	ng	100
13) 1,4-Dichlorobenzene	6.910	146	294261	49.040	ng	100
14) 1,2-Dichlorobenzene	7.063	146	282962	50.527	ng	98
15) Benzyl Alcohol	7.028	79	251222	51.667	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.163	45	409165	45.429	ng	97
17) 2-Methylphenol	7.134	107	214311	48.036	ng	97
18) Hexachloroethane	7.404	117	109345	51.101	ng	97
19) n-Nitroso-di-n-propyla...	7.304	70	197259	49.066	ng	97
20) 3+4-Methylphenols	7.287	107	272230	47.705	ng	93
22) Acetophenone	7.298	105	371892	50.559	ng	99
24) Nitrobenzene	7.469	77	295938	49.815	ng	99
25) Isophorone	7.710	82	522716	50.827	ng	99
26) 2-Nitrophenol	7.787	139	134903	60.193	ng	98
27) 2,4-Dimethylphenol	7.822	122	203326	54.408	ng	98
28) bis(2-Chloroethoxy)met...	7.922	93	306246	49.150	ng	100
29) 2,4-Dichlorophenol	8.028	162	216998	50.979	ng	98
30) 1,2,4-Trichlorobenzene	8.110	180	234357	49.758	ng	99
31) Naphthalene	8.192	128	770154	49.725	ng	100
32) Benzoic acid	7.922	122	152377	46.750	ng	99
33) 4-Chloroaniline	8.234	127	54613	10.341	ng	98
34) Hexachlorobutadiene	8.310	225	156385	52.845	ng	99
35) Caprolactam	8.604	113	64493m	47.651	ng	
36) 4-Chloro-3-methylphenol	8.716	107	239801	50.878	ng	100
37) 2-Methylnaphthalene	8.886	142	487833	51.429	ng	100
38) 1-Methylnaphthalene	8.986	142	446294	47.955	ng	99
40) 1,2,4,5-Tetrachloroben...	9.051	216	234776	55.368	ng	99
41) Hexachlorocyclopentadiene	9.039	237	277875	188.337	ng	100
43) 2,4,6-Trichlorophenol	9.157	196	164666	54.851	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	160047	51.673	ng		98
46) 1,1'-Biphenyl	9.351	154	582802	53.265	ng		99
47) 2-Chloronaphthalene	9.375	162	454190	51.540	ng		98
48) 2-Nitroaniline	9.463	65	152383	56.538	ng		99
49) Acenaphthylene	9.792	152	697724	54.766	ng		99
50) Dimethylphthalate	9.645	163	538457	55.001	ng		99
51) 2,6-Dinitrotoluene	9.710	165	114079	53.818	ng		98
52) Acenaphthene	9.963	154	477822	57.977	ng		100
53) 3-Nitroaniline	9.875	138	69269	31.688	ng		96
54) 2,4-Dinitrophenol	9.980	184	104083	115.066	ng	#	1
55) Dibenzofuran	10.133	168	613894	51.916	ng		98
56) 4-Nitrophenol	10.028	139	162305	96.508	ng		91
57) 2,4-Dinitrotoluene	10.110	165	148977	57.152	ng	#	99
58) Fluorene	10.475	166	466448	51.791	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	127419	52.477	ng		99
60) Diethylphthalate	10.345	149	509777	53.034	ng		99
61) 4-Chlorophenyl-phenyle...	10.469	204	239042	52.557	ng		98
62) 4-Nitroaniline	10.486	138	97124	47.044	ng		93
63) Azobenzene	10.628	77	564117	55.357	ng		95
65) 4,6-Dinitro-2-methylph...	10.516	198	69696	72.442	ng		96
66) n-Nitrosodiphenylamine	10.586	169	413815	58.618	ng		99
67) 4-Bromophenyl-phenylether	10.957	248	143622	59.106	ng		100
68) Hexachlorobenzene	11.022	284	154649	56.590	ng		99
69) Atrazine	11.110	200	130044	68.003	ng		97
70) Pentachlorophenol	11.216	266	172918	104.258	ng		98
71) Phenanthrene	11.439	178	603012	54.123	ng		100
72) Anthracene	11.492	178	609069	56.029	ng		99
73) Carbazole	11.639	167	489169	48.385	ng		99
74) Di-n-butylphthalate	11.974	149	663005	56.763	ng		99
75) Fluoranthene	12.627	202	514071	45.642	ng		98
77) Benzidine	12.745	184	102388	42.955	ng		99
78) Pyrene	12.857	202	515322	40.612	ng		99
80) Butylbenzylphthalate	13.469	149	207161	54.457	ng		98
81) Benzo(a)anthracene	14.039	228	486686	51.575	ng		100
82) 3,3'-Dichlorobenzidine	14.004	252	101407	36.857	ng		99
83) Chrysene	14.080	228	484584	56.008	ng		99
84) Bis(2-ethylhexyl)phtha...	14.027	149	279047	65.381	ng		98
85) Di-n-octyl phthalate	14.645	149	531738	68.496	ng		97
87) Indeno(1,2,3-cd)pyrene	17.027	276	594637	48.718	ng		96
88) Benzo(b)fluoranthene	15.098	252	564921	48.880	ng		99
89) Benzo(k)fluoranthene	15.127	252	550640	55.245	ng		99
90) Benzo(a)pyrene	15.468	252	545784	57.392	ng		98
91) Dibenzo(a,h)anthracene	17.045	278	491193	48.240	ng		97
92) Benzo(g,h,i)perylene	17.480	276	414231	40.728	ng		96

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

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