Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090924\
Data File : BF139286.D
Acq On : 09 Sep 2024 16:48
Operator : RC/JU
Sample : P3888-02MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DN-W-02MSD

Quant Time: Sep 09 17:18:48 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 04 16:11:43 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	115800	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	423123	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	223279	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	361322	20.000	ng	0.00
76) Chrysene-d12	14.057	240	196353	20.000	ng	0.00
86) Perylene-d12	15.527	264	182619	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	748277	108.097	ng	0.01
7) Phenol-d6	6.516	99	1013203	109.641	ng	0.00
23) Nitrobenzene-d5	7.451	82	647830	79.650	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	217692	112.908	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1107669	76.579	ng	0.00
79) Terphenyl-d14	12.998	244	787608	64.764	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.752	88	129074	40.040	ng	99
3) Pyridine	3.493	79	331233	42.568	ng	99
4) n-Nitrosodimethylamine	3.457	42	236030	46.711	ng	100
6) Aniline	6.551	93	405984	47.775	ng	99
8) 2-Chlorophenol	6.675	128	361401	50.376	ng	96
9) Benzaldehyde	6.440	77	91898	16.429	ng	99
10) Phenol	6.534	94	474040	48.632	ng	98
11) bis(2-Chloroethyl)ether	6.628	93	342260	49.012	ng	98
12) 1,3-Dichlorobenzene	6.828	146	377581	46.499	ng	99
13) 1,4-Dichlorobenzene	6.904	146	381610	46.952	ng	99
14) 1,2-Dichlorobenzene	7.057	146	364738	48.117	ng	99
15) Benzyl Alcohol	7.028	79	343788	51.013	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.163	45	673903	50.693	ng	98
17) 2-Methylphenol	7.140	107	287988	49.143	ng	98
18) Hexachloroethane	7.404	117	139393	48.020	ng	98
19) n-Nitroso-di-n-propyla...	7.304	70	271457	51.004	ng	99
20) 3+4-Methylphenols	7.292	107	363534	49.222	ng	96
22) Acetophenone	7.298	105	490251	48.635	ng	99
24) Nitrobenzene	7.469	77	409781	47.468	ng	99
25) Isophorone	7.710	82	723427	52.025	ng	100
26) 2-Nitrophenol	7.787	139	186162	54.905	ng	100
27) 2,4-Dimethylphenol	7.822	122	292553	60.500	ng	99
28) bis(2-Chloroethoxy)met...	7.922	93	422304	50.974	ng	99
29) 2,4-Dichlorophenol	8.028	162	292588	50.535	ng	99
30) 1,2,4-Trichlorobenzene	8.110	180	312760	47.298	ng	99
31) Naphthalene	8.192	128	1037747	48.431	ng	100
32) Benzoic acid	7.928	122	166581	37.820	ng	100
33) 4-Chloroaniline	8.239	127	194292	26.187	ng	98
34) Hexachlorobutadiene	8.310	225	202879	48.418	ng	100
35) Caprolactam	8.610	113	84472	47.127	ng	96
36) 4-Chloro-3-methylphenol	8.722	107	312804	49.578	ng	98
37) 2-Methylnaphthalene	8.886	142	671767	50.109	ng	99
38) 1-Methylnaphthalene	8.986	142	619419	46.979	ng	100
40) 1,2,4,5-Tetrachloroben...	9.051	216	312707	49.501	ng	98
41) Hexachlorocyclopentadiene	9.039	237	350502	172.645	ng	98
43) 2,4,6-Trichlorophenol	9.163	196	215142	52.052	ng	100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	218169	50.370	ng		99
46) 1,1'-Biphenyl	9.351	154	825216	49.884	ng		100
47) 2-Chloronaphthalene	9.375	162	621406	49.747	ng		100
48) 2-Nitroaniline	9.469	65	221593	51.503	ng		99
49) Acenaphthylene	9.792	152	1001900	53.254	ng		100
50) Dimethylphthalate	9.651	163	724898	53.565	ng		99
51) 2,6-Dinitrotoluene	9.710	165	156799	51.073	ng		99
52) Acenaphthene	9.963	154	674268	54.035	ng		98
53) 3-Nitroaniline	9.881	138	117495	35.920	ng		100
54) 2,4-Dinitrophenol	9.986	184	135778	83.996	ng	#	66
55) Dibenzofuran	10.133	168	899792	50.295	ng		99
56) 4-Nitrophenol	10.039	139	204707	84.789	ng		98
57) 2,4-Dinitrotoluene	10.116	165	199173	50.970	ng		97
58) Fluorene	10.475	166	676859	48.798	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.251	232	175125	51.365	ng		99
60) Diethylphthalate	10.351	149	725793	54.498	ng		100
61) 4-Chlorophenyl-phenyle...	10.469	204	336325	50.279	ng		99
62) 4-Nitroaniline	10.492	138	138098	44.352	ng		99
63) Azobenzene	10.628	77	763785	54.414	ng		99
65) 4,6-Dinitro-2-methylph...	10.522	198	90712	54.334	ng		91
66) n-Nitrosodiphenylamine	10.586	169	590711	56.164	ng		99
67) 4-Bromophenyl-phenylether	10.963	248	196166	55.956	ng		97
68) Hexachlorobenzene	11.022	284	212931	53.057	ng		99
69) Atrazine	11.116	200	177525	73.160	ng		99
70) Pentachlorophenol	11.216	266	223482	96.402	ng		98
71) Phenanthrene	11.439	178	862310	51.086	ng		100
72) Anthracene	11.492	178	882297	53.509	ng		99
73) Carbazole	11.645	167	717412	46.552	ng		100
74) Di-n-butylphthalate	11.975	149	994441	63.021	ng		100
75) Fluoranthene	12.627	202	788069	46.570	ng		100
77) Benzidine	12.745	184	269665	68.207	ng		99
78) Pyrene	12.857	202	798621	42.104	ng		100
80) Butylbenzylphthalate	13.474	149	298204	66.784	ng		99
81) Benzo(a)anthracene	14.045	228	654272	52.183	ng		100
82) 3,3'-Dichlorobenzidine	14.004	252	157840	47.403	ng		98
83) Chrysene	14.080	228	598662	51.159	ng		99
84) Bis(2-ethylhexyl)phtha...	14.033	149	380330	72.569	ng		99
85) Di-n-octyl phthalate	14.651	149	647081	64.488	ng		98
87) Indeno(1,2,3-cd)pyrene	17.009	276	451384	39.566	ng		98
88) Benzo(b)fluoranthene	15.098	252	574508	54.627	ng		100
89) Benzo(k)fluoranthene	15.127	252	579932	61.500	ng		99
90) Benzo(a)pyrene	15.468	252	505499	56.605	ng		99
91) Dibenzo(a,h)anthracene	17.033	278	364822	38.804	ng		98
92) Benzo(g,h,i)perylene	17.456	276	326157	33.608	ng		98

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

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