Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100424\
Data File : BF139667.D
Acq On : 04 Oct 2024 19:48
Operator : RC/JU
Sample : P4242-01MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-QMSD

Quant Time: Oct 04 22:55:03 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 02 04:58:47 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	85435	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	300337	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	141928	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	232157	20.000	ng	0.00
76) Chrysene-d12	14.027	240	162639	20.000	ng	0.00
86) Perylene-d12	15.498	264	128559	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	539620	109.474	ng	0.01
7) Phenol-d6	6.504	99	699850	105.579	ng	0.00
23) Nitrobenzene-d5	7.428	82	451640	76.137	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	133021	97.090	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	753777	81.533	ng	0.00
79) Terphenyl-d14	12.968	244	630649	63.625	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.722	88	98407	46.177	ng	98
3) Pyridine	3.463	79	230082	44.392	ng	99
4) n-Nitrosodimethylamine	3.428	42	169700	50.021	ng	100
6) Aniline	6.534	93	205096	34.868	ng	97
8) 2-Chlorophenol	6.651	128	257137	48.690	ng	99
9) Benzaldehyde	6.416	77	90790	25.856	ng	99
10) Phenol	6.522	94	331462	47.555	ng	95
11) bis(2-Chloroethyl)ether	6.604	93	262298	46.219	ng	100
12) 1,3-Dichlorobenzene	6.810	146	275291	46.338	ng	99
13) 1,4-Dichlorobenzene	6.886	146	278565	46.296	ng	99
14) 1,2-Dichlorobenzene	7.033	146	265648	47.107	ng	99
15) Benzyl Alcohol	7.010	79	230194	45.450	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.139	45	461436	46.967	ng	87
17) 2-Methylphenol	7.128	107	202042	45.827	ng	96
18) Hexachloroethane	7.375	117	96765	43.115	ng	97
19) n-Nitroso-di-n-propyla...	7.281	70	192109	45.078	ng	100
20) 3+4-Methylphenols	7.281	107	253236	45.730	ng	95
22) Acetophenone	7.275	105	354751	49.761	ng	96
24) Nitrobenzene	7.451	77	291133	47.396	ng	100
25) Isophorone	7.686	82	503344	47.774	ng	99
26) 2-Nitrophenol	7.763	139	130382	49.375	ng	97
27) 2,4-Dimethylphenol	7.804	122	185281	57.315	ng	98
28) bis(2-Chloroethoxy)met...	7.898	93	301558	47.932	ng	99
29) 2,4-Dichlorophenol	8.010	162	200244	47.490	ng	99
30) 1,2,4-Trichlorobenzene	8.086	180	214865	45.059	ng	98
31) Naphthalene	8.169	128	716693	46.672	ng	100
32) Benzoic acid	7.928	122	132736	41.294	ng	98
33) 4-Chloroaniline	8.233	127	47072	9.056	ng	98
34) Hexachlorobutadiene	8.286	225	143508	46.505	ng	99
35) Caprolactam	8.586	113	61615	44.552	ng	95
36) 4-Chloro-3-methylphenol	8.710	107	205168	42.984	ng	98
37) 2-Methylnaphthalene	8.863	142	441604	44.155	ng	98
38) 1-Methylnaphthalene	8.963	142	410294	41.970	ng	100
40) 1,2,4,5-Tetrachloroben...	9.027	216	207695	52.699	ng	100
41) Hexachlorocyclopentadiene	9.010	237	83979	69.493	ng	99
43) 2,4,6-Trichlorophenol	9.139	196	135418	50.970	ng	99

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 02 04:58:47 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	136616	47.681	ng	98
46) 1,1'-Biphenyl	9.322	154	536746	50.847	ng	100
47) 2-Chloronaphthalene	9.351	162	389720	49.247	ng	99
48) 2-Nitroaniline	9.445	65	144360	50.817	ng	96
49) Acenaphthylene	9.763	152	613481	50.975	ng	100
50) Dimethylphthalate	9.622	163	475264	51.155	ng	100
51) 2,6-Dinitrotoluene	9.686	165	94495	45.025	ng	99
52) Acenaphthene	9.933	154	397119	48.066	ng	98
53) 3-Nitroaniline	9.857	138	68759	32.060	ng	99
54) 2,4-Dinitrophenol	9.969	184	49461	43.816	ng	97
55) Dibenzofuran	10.110	168	549359	47.490	ng	99
56) 4-Nitrophenol	10.027	139	139165	85.088	ng	96
57) 2,4-Dinitrotoluene	10.092	165	121342	44.232	ng	98
58) Fluorene	10.451	166	409042	44.396	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.227	232	105549	45.610	ng	97
60) Diethylphthalate	10.321	149	457308	47.655	ng	100
61) 4-Chlorophenyl-phenyle...	10.445	204	206068	44.706	ng	97
62) 4-Nitroaniline	10.469	138	81265	37.043	ng	98
63) Azobenzene	10.604	77	478978	49.632	ng	97
65) 4,6-Dinitro-2-methylph...	10.498	198	33833	25.803	ng	97
66) n-Nitrosodiphenylamine	10.563	169	357797	52.285	ng	99
67) 4-Bromophenyl-phenylether	10.933	248	117163	49.222	ng	98
68) Hexachlorobenzene	10.998	284	124429	47.109	ng	99
69) Atrazine	11.086	200	104518	56.926	ng	98
70) Pentachlorophenol	11.192	266	135646	86.247	ng	98
71) Phenanthrene	11.416	178	539255	49.263	ng	100
72) Anthracene	11.463	178	547517	50.559	ng	100
73) Carbazole	11.621	167	509365	48.973	ng	99
74) Di-n-butylphthalate	11.945	149	635134	50.216	ng	100
75) Fluoranthene	12.604	202	584488	48.846	ng	99
77) Benzidine	12.727	184	254110	88.578	ng	100
78) Pyrene	12.833	202	605145	41.601	ng	99
80) Butylbenzylphthalate	13.445	149	257340	49.459	ng	99
81) Benzo(a)anthracene	14.021	228	529702	49.538	ng	100
82) 3,3'-Dichlorobenzidine	13.980	252	171272	52.337	ng	98
83) Chrysene	14.057	228	469338	48.009	ng	99
84) Bis(2-ethylhexyl)phtha...	14.004	149	363921	56.013	ng	100
85) Di-n-octyl phthalate	14.615	149	593205	62.149	ng	99
87) Indeno(1,2,3-cd)pyrene	16.968	276	349071	46.132	ng	98
88) Benzo(b)fluoranthene	15.068	252	381434	45.887	ng	99
89) Benzo(k)fluoranthene	15.098	252	386529	54.818	ng	99
90) Benzo(a)pyrene	15.433	252	344359	52.539	ng	99
91) Dibenzo(a,h)anthracene	16.986	278	284961	45.406	ng	100
92) Benzo(g,h,i)perylene	17.415	276	257732	40.948	ng	98

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

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