Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050924\
Data File : BF137868.D
Acq On : 09 May 2024 17:24
Operator : CG\JU
Sample : P2398-04MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-KKMSD

Quant Time: May 09 17:53:56 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 01 03:25:08 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.051	152	159798	20.000	ng		0.00
21) Naphthalene-d8	8.333	136	650937	20.000	ng		-0.01
39) Acenaphthene-d10	10.098	164	365788	20.000	ng		-0.01
64) Phenanthrene-d10	11.592	188	597560	20.000	ng		0.00
76) Chrysene-d12	14.245	240	306014	20.000	ng		0.00
86) Perylene-d12	15.815	264	327851	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.692	112	1117475	117.084	ng		0.02
7) Phenol-d6	6.669	99	1327350	109.645	ng		0.00
23) Nitrobenzene-d5	7.616	82	956077	85.333	ng		0.00
42) 2,4,6-Tribromophenol	10.898	330	526928	141.087	ng		0.00
45) 2-Fluorobiphenyl	9.416	172	1983949	87.993	ng		0.00
79) Terphenyl-d14	13.180	244	1856992	101.697	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.163	88	142689	33.200	ng	#	84
3) Pyridine	3.846	79	294614	28.323	ng		94
4) n-Nitrosodimethylamine	3.793	42	180647	38.567	ng		96
6) Aniline	6.716	93	295220	24.604	ng		98
8) 2-Chlorophenol	6.834	128	456531	43.892	ng		98
9) Benzaldehyde	6.604	77	101337	15.544	ng		97
10) Phenol	6.681	94	470649	37.942	ng		95
11) bis(2-Chloroethyl)ether	6.781	93	406440	41.845	ng		98
12) 1,3-Dichlorobenzene	6.992	146	459174	39.148	ng		99
13) 1,4-Dichlorobenzene	7.069	146	466199	39.612	ng		99
14) 1,2-Dichlorobenzene	7.222	146	449658	40.565	ng		98
15) Benzyl Alcohol	7.186	79	382158	45.648	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.316	45	521690	38.212	ng		95
17) 2-Methylphenol	7.292	107	374869	44.666	ng		99
18) Hexachloroethane	7.563	117	159441	40.074	ng		94
19) n-Nitroso-di-n-propyla...	7.457	70	312097	43.139	ng		97
20) 3+4-Methylphenols	7.445	107	468747	42.452	ng	#	90
22) Acetophenone	7.457	105	628637	42.940	ng		99
24) Nitrobenzene	7.633	77	464328	40.210	ng		98
25) Isophorone	7.869	82	881707	43.647	ng		99
26) 2-Nitrophenol	7.945	139	250617	47.926	ng		89
27) 2,4-Dimethylphenol	7.975	122	346222	45.990	ng		95
28) bis(2-Chloroethoxy)met...	8.075	93	525010	42.924	ng		99
29) 2,4-Dichlorophenol	8.186	162	414994	45.607	ng		99
30) 1,2,4-Trichlorobenzene	8.275	180	413199	41.655	ng		99
31) Naphthalene	8.357	128	1358457	41.994	ng		99
32) Benzoic acid	8.086	122	285451	43.952	ng		97
33) 4-Chloroaniline	8.398	127	158917	13.248	ng		99
34) Hexachlorobutadiene	8.469	225	244599	40.163	ng		99
35) Caprolactam	8.775	113	116909m	40.550	ng		
36) 4-Chloro-3-methylphenol	8.875	107	438120	46.171	ng		94
37) 2-Methylnaphthalene	9.051	142	915832	43.737	ng		100
38) 1-Methylnaphthalene	9.151	142	864085	41.944	ng		99
40) 1,2,4,5-Tetrachloroben...	9.216	216	434781	44.878	ng		99
41) Hexachlorocyclopentadiene	9.198	237	443966	112.823	ng		99
43) 2,4,6-Trichlorophenol	9.322	196	305476	46.321	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.369	196	335892	46.127	ng		98
46) 1,1'-Biphenyl	9.516	154	1141693	45.480	ng		99
47) 2-Chloronaphthalene	9.545	162	894556	44.138	ng		99
48) 2-Nitroaniline	9.639	65	260023	47.306	ng		93
49) Acenaphthylene	9.963	152	1419082	48.403	ng		100
50) Dimethylphthalate	9.816	163	1115151	48.292	ng		99
51) 2,6-Dinitrotoluene	9.880	165	250056	47.384	ng	#	85
52) Acenaphthene	10.133	154	962238	49.515	ng		99
53) 3-Nitroaniline	10.051	138	169574	30.685	ng		100
54) 2,4-Dinitrophenol	10.157	184	264224	101.899	ng		98
55) Dibenzofuran	10.310	168	1302777	46.067	ng		97
56) 4-Nitrophenol	10.198	139	321861	70.271	ng		94
57) 2,4-Dinitrotoluene	10.286	165	335444	48.655	ng		90
58) Fluorene	10.651	166	1030589	45.790	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.422	232	280703	47.481	ng		99
60) Diethylphthalate	10.516	149	1066744	48.640	ng		100
61) 4-Chlorophenyl-phenyle...	10.639	204	512101	46.178	ng		98
62) 4-Nitroaniline	10.669	138	219102	39.088	ng		96
63) Azobenzene	10.798	77	963222	45.442	ng		99
65) 4,6-Dinitro-2-methylph...	10.692	198	183528	53.510	ng		90
66) n-Nitrosodiphenylamine	10.757	169	908610	50.796	ng		98
67) 4-Bromophenyl-phenylether	11.133	248	320203	50.069	ng		99
68) Hexachlorobenzene	11.198	284	344716	49.325	ng		98
69) Atrazine	11.280	200	290944	53.345	ng		97
70) Pentachlorophenol	11.392	266	410020	85.455	ng		99
71) Phenanthrene	11.621	178	1390820	47.752	ng		99
72) Anthracene	11.674	178	1408841	48.614	ng		99
73) Carbazole	11.821	167	1191708	42.668	ng		100
74) Di-n-butylphthalate	12.145	149	1578238	51.802	ng		99
75) Fluoranthene	12.816	202	1237636	38.873	ng		98
77) Benzidine	12.927	184	122421	17.297	ng		99
78) Pyrene	13.045	202	1209652	49.855	ng		98
80) Butylbenzylphthalate	13.651	149	471582	61.258	ng		97
81) Benzo(a)anthracene	14.233	228	954011	48.743	ng		99
82) 3,3'-Dichlorobenzidine	14.192	252	260727	44.497	ng		98
83) Chrysene	14.274	228	910494	49.683	ng		99
84) Bis(2-ethylhexyl)phtha...	14.204	149	656738	67.691	ng		100
85) Di-n-octyl phthalate	14.833	149	1009679	77.328	ng		98
87) Indeno(1,2,3-cd)pyrene	17.456	276	887682	47.624	ng		98
88) Benzo(b)fluoranthene	15.345	252	915334	44.874	ng		100
89) Benzo(k)fluoranthene	15.374	252	936195	47.485	ng		99
90) Benzo(a)pyrene	15.751	252	836795	50.284	ng		99
91) Dibenzo(a,h)anthracene	17.474	278	716722	47.240	ng		99
92) Benzo(g,h,i)perylene	17.956	276	638296	40.132	ng		98

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

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