Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042424\
Data File : BF137725.D
Acq On : 24 Apr 2024 18:51
Operator : CG\JU
Sample : P2245-01MS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
YARD-3MS

Quant Time: Apr 25 04:52:12 2024
Quant Title :
QLast Update : Wed Apr 24 03:57:12 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.063	152	234705	20.000	ng	0.00
21) Naphthalene-d8	8.345	136	908416	20.000	ng	0.00
39) Acenaphthene-d10	10.110	164	494675	20.000	ng	0.00
64) Phenanthrene-d10	11.604	188	829314	20.000	ng	0.00
76) Chrysene-d12	14.257	240	454765	20.000	ng	# 0.00
86) Perylene-d12	15.827	264	504816	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.687	112	1311397	84.875	ng	0.00
7) Phenol-d6	6.675	99	1693951	86.334	ng	0.00
23) Nitrobenzene-d5	7.622	82	1000944	58.490	ng	0.00
42) 2,4,6-Tribromophenol	10.904	330	452751	90.702	ng	0.00
45) 2-Fluorobiphenyl	9.422	172	1896201	57.276	ng	0.00
79) Terphenyl-d14	13.186	244	1839229	65.096	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.046	88	296606	42.871	ng	98
3) Pyridine	3.793	79	727526	39.474	ng	100
4) n-Nitrosodimethylamine	3.751	42	391909	45.563	ng	97
6) Aniline	6.722	93	682076	27.930	ng	99
8) 2-Chlorophenol	6.845	128	779591	48.335	ng	99
9) Benzaldehyde	6.610	77	27416	2.490	ng	97
10) Phenol	6.686	94	943474	48.133	ng	97
11) bis(2-Chloroethyl)ether	6.792	93	711973	44.532	ng	98
12) 1,3-Dichlorobenzene	7.004	146	805323	47.612	ng	98
13) 1,4-Dichlorobenzene	7.081	146	820169	48.164	ng	98
14) 1,2-Dichlorobenzene	7.234	146	788584	49.750	ng	98
15) Benzyl Alcohol	7.198	79	647270	44.098	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.328	45	1085463	44.146	ng	98
17) 2-Methylphenol	7.298	107	621505	43.371	ng	99
18) Hexachloroethane	7.581	117	288335	47.842	ng	94
19) n-Nitroso-di-n-propyla...	7.469	70	544527	42.918	ng	100
20) 3+4-Methylphenols	7.451	107	803996	43.441	ng	95
22) Acetophenone	7.469	105	1047303	47.136	ng	99
24) Nitrobenzene	7.645	77	801720	46.371	ng	99
25) Isophorone	7.881	82	1439367	45.288	ng	99
26) 2-Nitrophenol	7.957	139	395693	52.152	ng	95
27) 2,4-Dimethylphenol	7.981	122	596385	38.961	ng	98
28) bis(2-Chloroethoxy)met...	8.086	93	876101	45.130	ng	99
29) 2,4-Dichlorophenol	8.192	162	648561	48.345	ng	98
30) 1,2,4-Trichlorobenzene	8.286	180	656407	48.005	ng	98
31) Naphthalene	8.369	128	2185671	47.150	ng	99
32) Benzoic acid	8.086	122	459535m	47.413	ng	
33) 4-Chloroaniline	8.410	127	346012	17.635	ng	99
34) Hexachlorobutadiene	8.480	225	386126	47.103	ng	98
35) Caprolactam	8.775	113	205764m	47.440	ng	
36) 4-Chloro-3-methylphenol	8.880	107	671954	47.226	ng	99
37) 2-Methylnaphthalene	9.063	142	1430246	44.952	ng	99
38) 1-Methylnaphthalene	9.163	142	1336883	44.941	ng	100
40) 1,2,4,5-Tetrachloroben...	9.227	216	655335	48.323	ng	99
41) Hexachlorocyclopentadiene	9.210	237	688610	90.621	ng	98
43) 2,4,6-Trichlorophenol	9.333	196	468873	49.283	ng	98
44) 2,4,5-Trichlorophenol	9.375	196	494131	45.319	ng	97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	9.527	154	1713691	47.620	ng		98
47) 2-Chloronaphthalene	9.551	162	1347067	48.559	ng		99
48) 2-Nitroaniline	9.645	65	418141	49.465	ng		96
49) Acenaphthylene	9.975	152	2139852	49.464	ng		99
50) Dimethylphthalate	9.822	163	1581333	45.882	ng		99
51) 2,6-Dinitrotoluene	9.886	165	356685	49.119	ng		90
52) Acenaphthene	10.145	154	1404168	50.128	ng		99
53) 3-Nitroaniline	10.057	138	243517	29.841	ng		98
54) 2,4-Dinitrophenol	10.157	184	312196	80.853	ng	#	56
55) Dibenzofuran	10.316	168	1960944	47.756	ng		99
56) 4-Nitrophenol	10.204	139	602437	94.928	ng		99
57) 2,4-Dinitrotoluene	10.292	165	482094	52.660	ng		96
58) Fluorene	10.663	166	1535657	47.864	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.427	232	402954	47.728	ng		99
60) Diethylphthalate	10.522	149	1483609	44.755	ng		98
61) 4-Chlorophenyl-phenyle...	10.651	204	725329	45.753	ng		95
62) 4-Nitroaniline	10.674	138	361008	46.445	ng		99
63) Azobenzene	10.810	77	1535541	45.204	ng		98
65) 4,6-Dinitro-2-methylph...	10.698	198	232683	48.934	ng		84
66) n-Nitrosodiphenylamine	10.769	169	1334944	47.527	ng		99
67) 4-Bromophenyl-phenylether	11.145	248	454511	47.297	ng		95
68) Hexachlorobenzene	11.210	284	476674	50.917	ng		95
69) Atrazine	11.292	200	420723	54.186	ng		99
70) Pentachlorophenol	11.398	266	600992	85.340	ng		100
71) Phenanthrene	11.633	178	2469747	56.258	ng		100
72) Anthracene	11.686	178	2319237	51.592	ng		99
73) Carbazole	11.833	167	2009265	49.320	ng		99
74) Di-n-butylphthalate	12.157	149	2241429	45.133	ng		99
75) Fluoranthene	12.821	202	2411539	52.262	ng		98
77) Benzidine	12.939	184	687526	64.728	ng		99
78) Pyrene	13.057	202	2326219	62.321	ng		100
80) Butylbenzylphthalate	13.662	149	749015	56.585	ng		93
81) Benzo(a)anthracene	14.245	228	1639627	51.692	ng		99
82) 3,3'-Dichlorobenzidine	14.204	252	302890	30.863	ng	#	98
83) Chrysene	14.280	228	1509332	50.927	ng		100
84) Bis(2-ethylhexyl)phtha...	14.215	149	1019434	50.996	ng		99
85) Di-n-octyl phthalate	14.851	149	1516350	50.498	ng		99
87) Indeno(1,2,3-cd)pyrene	17.474	276	1731097	61.845	ng		99
88) Benzo(b)fluoranthene	15.357	252	1501048	46.467	ng		99
89) Benzo(k)fluoranthene	15.386	252	1488111	46.863	ng		100
90) Benzo(a)pyrene	15.762	252	1435522	49.537	ng		99
91) Dibenzo(a,h)anthracene	17.498	278	1389906	59.837	ng		98
92) Benzo(g,h,i)perylene	17.974	276	1275008	56.448	ng		100

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

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