Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052324\
Data File : BF138033.D
Acq On : 23 May 2024 18:01
Operator : CG\JU
Sample : P2578-01MSD 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-02-052224MSD

Quant Time: May 24 01:25:11 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 15 04:12:16 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.034	152	133930	20.000	ng		-0.01
21) Naphthalene-d8	8.316	136	490309	20.000	ng		-0.01
39) Acenaphthene-d10	10.081	164	239805	20.000	ng		0.00
64) Phenanthrene-d10	11.575	188	343029	20.000	ng		0.00
76) Chrysene-d12	14.227	240	259127	20.000	ng		0.00
86) Perylene-d12	15.792	264	203582	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.651	112	96215	12.203	ng		-0.01
7) Phenol-d6	6.640	99	120661	12.423	ng		-0.02
23) Nitrobenzene-d5	7.593	82	72015	8.644	ng		-0.02
42) 2,4,6-Tribromophenol	10.869	330	26471	10.948	ng		-0.01
45) 2-Fluorobiphenyl	9.392	172	156737	10.068	ng		0.00
79) Terphenyl-d14	13.157	244	129725	7.378	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.934	88	26033	7.622	ng		96
3) Pyridine	3.710	79	57011	7.439	ng		98
4) n-Nitrosodimethylamine	3.652	42	27431	8.113	ng		86
6) Aniline	6.693	93	41950	4.829	ng		96
8) 2-Chlorophenol	6.816	128	80008	9.377	ng		97
9) Benzaldehyde	6.587	77	12641	2.406	ng		95
10) Phenol	6.657	94	89253	9.104	ng		94
11) bis(2-Chloroethyl)ether	6.757	93	70721	9.395	ng		98
12) 1,3-Dichlorobenzene	6.975	146	88731	8.988	ng		97
13) 1,4-Dichlorobenzene	7.051	146	88525	8.933	ng		99
14) 1,2-Dichlorobenzene	7.204	146	85413	9.158	ng		98
15) Benzyl Alcohol	7.163	79	59611	9.191	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.293	45	89732	9.698	ng		99
17) 2-Methylphenol	7.269	107	60903	8.950	ng		98
18) Hexachloroethane	7.545	117	27702	8.261	ng		93
19) n-Nitroso-di-n-propyla...	7.428	70	51034	9.353	ng		98
20) 3+4-Methylphenols	7.422	107	77703	8.716	ng		98
22) Acetophenone	7.434	105	108994	9.923	ng	#	97
24) Nitrobenzene	7.610	77	73417	8.686	ng		99
25) Isophorone	7.845	82	137887	9.536	ng		98
26) 2-Nitrophenol	7.928	139	37841	8.910	ng		96
27) 2,4-Dimethylphenol	7.951	122	53493	9.783	ng		99
28) bis(2-Chloroethoxy)met...	8.051	93	85970	9.810	ng		98
29) 2,4-Dichlorophenol	8.169	162	61594	8.958	ng		96
30) 1,2,4-Trichlorobenzene	8.257	180	69125	9.004	ng		96
31) Naphthalene	8.340	128	227121	9.213	ng		99
32) Benzoic acid	8.028	122	26984m	5.838	ng		
33) 4-Chloroaniline	8.381	127	43581	5.393	ng		97
34) Hexachlorobutadiene	8.451	225	42878	8.824	ng		98
35) Caprolactam	8.722	113	17338	8.704	ng		88
36) 4-Chloro-3-methylphenol	8.851	107	59086	8.448	ng		97
37) 2-Methylnaphthalene	9.034	142	144601	9.125	ng		99
38) 1-Methylnaphthalene	9.134	142	132414	8.499	ng		99
40) 1,2,4,5-Tetrachloroben...	9.198	216	66644	10.222	ng		99
41) Hexachlorocyclopentadiene	9.181	237	11469	4.630	ng		99
43) 2,4,6-Trichlorophenol	9.304	196	39738	9.296	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.345	196	38509	8.233	ng		97
46) 1,1'-Biphenyl	9.492	154	173677	10.326	ng		97
47) 2-Chloronaphthalene	9.522	162	129973	9.680	ng		99
48) 2-Nitroaniline	9.616	65	32209	9.368	ng		94
49) Acenaphthylene	9.939	152	195766	10.140	ng		99
50) Dimethylphthalate	9.786	163	157099	10.447	ng		99
51) 2,6-Dinitrotoluene	9.851	165	30562	8.855	ng		95
52) Acenaphthene	10.116	154	111189	8.714	ng		99
53) 3-Nitroaniline	10.028	138	26100	7.735	ng		85
54) 2,4-Dinitrophenol	10.134	184	2418	8.151	ng		88
55) Dibenzofuran	10.286	168	173784	9.358	ng		96
56) 4-Nitrophenol	10.175	139	36485	15.056	ng		93
57) 2,4-Dinitrotoluene	10.257	165	36314	8.139	ng		92
58) Fluorene	10.633	166	131328	8.941	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.398	232	30048	8.178	ng		96
60) Diethylphthalate	10.486	149	140916	10.034	ng		99
61) 4-Chlorophenyl-phenyle...	10.622	204	66690	9.207	ng		90
62) 4-Nitroaniline	10.633	138	27381	8.556	ng		96
63) Azobenzene	10.781	77	112954	8.842	ng		98
66) n-Nitrosodiphenylamine	10.733	169	113486	10.788	ng		100
67) 4-Bromophenyl-phenylether	11.110	248	37863	10.068	ng		98
68) Hexachlorobenzene	11.181	284	36726	8.835	ng		99
69) Atrazine	11.257	200	35078	12.211	ng		98
70) Pentachlorophenol	11.375	266	36571	15.019	ng		98
71) Phenanthrene	11.598	178	168258	9.954	ng		99
72) Anthracene	11.651	178	169813	10.125	ng		98
73) Carbazole	11.804	167	146492	9.561	ng		99
74) Di-n-butylphthalate	12.122	149	184328	10.841	ng		99
75) Fluoranthene	12.792	202	179545	10.464	ng		99
77) Benzidine	12.916	184	54661	16.141	ng		99
78) Pyrene	13.027	202	187619	8.278	ng		99
80) Butylbenzylphthalate	13.633	149	69622	10.184	ng		98
81) Benzo(a)anthracene	14.216	228	159306	9.717	ng		98
82) 3,3'-Dichlorobenzidine	14.174	252	41571	9.150	ng		93
83) Chrysene	14.251	228	158305	10.097	ng		98
84) Bis(2-ethylhexyl)phtha...	14.186	149	102157	11.888	ng		99
85) Di-n-octyl phthalate	14.816	149	166154	14.312	ng		99
87) Indeno(1,2,3-cd)pyrene	17.415	276	94090	7.194	ng		99
88) Benzo(b)fluoranthene	15.321	252	121553	10.312	ng		99
89) Benzo(k)fluoranthene	15.351	252	118597m	10.241	ng		
90) Benzo(a)pyrene	15.721	252	103619	10.295	ng	#	93
91) Dibenzo(a,h)anthracene	17.439	278	75894	7.023	ng		93
92) Benzo(g,h,i)perylene	17.915	276	70997	6.254	ng		94

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

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