Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF043024\
Data File : BF137772.D
Acq On : 30 Apr 2024 15:18
Operator : CG\JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF043024

Quant Time: May 01 03:27:21 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	7.057	152	227892	20.000	ng	0.00
21) Naphthalene-d8	8.345	136	903825	20.000	ng	0.00
39) Acenaphthene-d10	10.104	164	517727	20.000	ng	0.00
64) Phenanthrene-d10	11.598	188	931002	20.000	ng	0.00
76) Chrysene-d12	14.251	240	639150	20.000	ng	0.00
86) Perylene-d12	15.821	264	466879	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.675	112	1070506	78.649	ng	0.00
7) Phenol-d6	6.669	99	1336226	77.397	ng	0.00
23) Nitrobenzene-d5	7.622	82	1250282	80.368	ng	0.00
42) 2,4,6-Tribromophenol	10.898	330	428914	81.140	ng	0.00
45) 2-Fluorobiphenyl	9.416	172	2453219	76.875	ng	0.00
79) Terphenyl-d14	13.186	244	2986181	78.298	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.958	88	241261	39.362	ng	99
3) Pyridine	3.728	79	603730	40.698	ng	99
4) n-Nitrosodimethylamine	3.693	42	259735	38.883	ng	94
6) Aniline	6.716	93	680779	39.784	ng	100
8) 2-Chlorophenol	6.840	128	581307	39.189	ng	97
9) Benzaldehyde	6.610	77	361889	38.924	ng	96
10) Phenol	6.687	94	697421	39.423	ng	97
11) bis(2-Chloroethyl)ether	6.787	93	543978	39.271	ng	97
12) 1,3-Dichlorobenzene	6.998	146	659815	39.446	ng	100
13) 1,4-Dichlorobenzene	7.075	146	658037	39.206	ng	98
14) 1,2-Dichlorobenzene	7.228	146	621882	39.339	ng	96
15) Benzyl Alcohol	7.193	79	480031	40.206	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.328	45	764259	39.253	ng	99
17) 2-Methylphenol	7.293	107	474307	39.628	ng	99
18) Hexachloroethane	7.575	117	229219	40.397	ng	98
19) n-Nitroso-di-n-propyla...	7.463	70	406198	39.370	ng	99
20) 3+4-Methylphenols	7.445	107	622457	39.528	ng	98
22) Acetophenone	7.463	105	794860	39.103	ng	99
24) Nitrobenzene	7.640	77	633419	39.506	ng	98
25) Isophorone	7.875	82	1108890	39.534	ng	100
26) 2-Nitrophenol	7.951	139	312300	43.012	ng	91
27) 2,4-Dimethylphenol	7.981	122	416565	39.851	ng	100
28) bis(2-Chloroethoxy)met...	8.081	93	670745	39.495	ng	99
29) 2,4-Dichlorophenol	8.192	162	506223	40.067	ng	99
30) 1,2,4-Trichlorobenzene	8.281	180	543329	39.448	ng	100
31) Naphthalene	8.363	128	1762737	39.245	ng	99
32) Benzoic acid	8.087	122	394224	43.716	ng	96
33) 4-Chloroaniline	8.410	127	658083	39.510	ng	100
34) Hexachlorobutadiene	8.475	225	334999	39.616	ng	99
35) Caprolactam	8.781	113	165898	41.442	ng	93
36) 4-Chloro-3-methylphenol	8.875	107	528757	40.131	ng	94
37) 2-Methylnaphthalene	9.057	142	1156177	39.766	ng	99
38) 1-Methylnaphthalene	9.157	142	1125309	39.341	ng	100
40) 1,2,4,5-Tetrachloroben...	9.222	216	540736	39.434	ng	99
41) Hexachlorocyclopentadiene	9.204	237	229871	41.272	ng	100
43) 2,4,6-Trichlorophenol	9.328	196	371561	39.807	ng	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.363	196	415419	40.306	ng		96
46) 1,1'-Biphenyl	9.522	154	1395397	39.273	ng		99
47) 2-Chloronaphthalene	9.551	162	1128635	39.345	ng		98
48) 2-Nitroaniline	9.639	65	321445	41.318	ng		99
49) Acenaphthylene	9.969	152	1636376	39.435	ng		100
50) Dimethylphthalate	9.816	163	1309371	40.062	ng		99
51) 2,6-Dinitrotoluene	9.881	165	309089	41.382	ng		96
52) Acenaphthene	10.139	154	1087684	39.545	ng		99
53) 3-Nitroaniline	10.051	138	324069	41.431	ng		93
54) 2,4-Dinitrophenol	10.151	184	166628	45.402	ng	#	65
55) Dibenzofuran	10.310	168	1586012	39.624	ng		99
56) 4-Nitrophenol	10.198	139	276301	42.621	ng		96
57) 2,4-Dinitrotoluene	10.286	165	413446	42.370	ng		95
58) Fluorene	10.657	166	1245450	39.097	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.422	232	338479	40.452	ng		99
60) Diethylphthalate	10.516	149	1246026	40.141	ng		100
61) 4-Chlorophenyl-phenyle...	10.645	204	625041	39.822	ng		97
62) 4-Nitroaniline	10.669	138	324639	40.919	ng		94
63) Azobenzene	10.804	77	1195829	39.859	ng		100
65) 4,6-Dinitro-2-methylph...	10.692	198	233614	43.718	ng		97
66) n-Nitrosodiphenylamine	10.763	169	1083459	38.878	ng		99
67) 4-Bromophenyl-phenylether	11.139	248	396762	39.820	ng		96
68) Hexachlorobenzene	11.204	284	427651	39.276	ng		97
69) Atrazine	11.286	200	339656	39.972	ng		99
70) Pentachlorophenol	11.392	266	308534	41.273	ng		99
71) Phenanthrene	11.628	178	1745100	38.456	ng		100
72) Anthracene	11.680	178	1757594	38.927	ng		100
73) Carbazole	11.828	167	1697487	39.010	ng		100
74) Di-n-butylphthalate	12.151	149	1922662	40.505	ng		99
75) Fluoranthene	12.822	202	1931702	38.943	ng		100
77) Benzidine	12.933	184	590175	39.925	ng		98
78) Pyrene	13.051	202	1971463	38.903	ng		99
80) Butylbenzylphthalate	13.657	149	699635	43.513	ng		99
81) Benzo(a)anthracene	14.239	228	1617543	39.569	ng		99
82) 3,3'-Dichlorobenzidine	14.198	252	475632	38.865	ng		100
83) Chrysene	14.280	228	1500169	39.193	ng		100
84) Bis(2-ethylhexyl)phtha...	14.210	149	863250	42.600	ng		99
85) Di-n-octyl phthalate	14.839	149	1185886	43.485	ng		100
87) Indeno(1,2,3-cd)pyrene	17.462	276	1081830	40.757	ng		100
88) Benzo(b)fluoranthene	15.351	252	1173704	40.406	ng		100
89) Benzo(k)fluoranthene	15.380	252	1158330	41.257	ng		99
90) Benzo(a)pyrene	15.757	252	956767	40.373	ng		99
91) Dibenzo(a,h)anthracene	17.486	278	879650	40.714	ng		99
92) Benzo(g,h,i)perylene	17.962	276	920118	40.624	ng		98

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

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