Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022724\
Data File : BF137409.D
Acq On : 27 Feb 2024 17:15
Operator : CG\JU
Sample : P1524-10MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
20240768-AMENDED-COMP-39N-N-3-03MSD

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/28/2024
Supervised By :mohammad ahmed 02/29/2024

Quant Time: Feb 27 17:33:59 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Feb 24 04:23:49 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.781	152	222527	20.000	ng		-0.02
21) Naphthalene-d8	8.063	136	859403	20.000	ng		-0.02
39) Acenaphthene-d10	9.822	164	447259	20.000	ng		-0.01
64) Phenanthrene-d10	11.310	188	640186	20.000	ng		-0.02
76) Chrysene-d12	13.968	240	377798	20.000	ng		-0.01
86) Perylene-d12	15.451	264	439752	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.416	112	778663	53.993	ng		-0.01
7) Phenol-d6	6.422	99	629397	29.669	ng		-0.02
23) Nitrobenzene-d5	7.351	82	1547156	89.877	ng		-0.01
42) 2,4,6-Tribromophenol	10.616	330	437250	112.266	ng		-0.01
45) 2-Fluorobiphenyl	9.145	172	2328318	81.045	ng		-0.01
79) Terphenyl-d14	12.910	244	1889382	69.949	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.569	88	112604	14.253	ng		100
3) Pyridine	3.334	79	141493	8.681	ng		98
4) n-Nitrosodimethylamine	3.275	42	93529	16.106	ng	#	94
6) Aniline	6.451	93	207626	8.253	ng		95
8) 2-Chlorophenol	6.569	128	554004	35.816	ng		99
9) Benzaldehyde	6.334	77	85773	8.398	ng		97
10) Phenol	6.434	94	257216	11.078	ng		98
11) bis(2-Chloroethyl)ether	6.522	93	729018	43.212	ng		97
12) 1,3-Dichlorobenzene	6.722	146	664935	40.031	ng		99
13) 1,4-Dichlorobenzene	6.804	146	676993	39.586	ng		97
14) 1,2-Dichlorobenzene	6.951	146	642566	40.620	ng		99
15) Benzyl Alcohol	6.928	79	331712	26.231	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.057	45	1252845	44.678	ng		99
17) 2-Methylphenol	7.045	107	358868	24.521	ng		95
18) Hexachloroethane	7.292	117	224675	38.125	ng		99
19) n-Nitroso-di-n-propyla...	7.204	70	563017	43.068	ng		98
20) 3+4-Methylphenols	7.198	107	366806	21.990	ng	#	74
22) Acetophenone	7.192	105	984578	47.245	ng	#	92
24) Nitrobenzene	7.369	77	813550	46.511	ng		98
25) Isophorone	7.604	82	1581224	44.418	ng		100
26) 2-Nitrophenol	7.681	139	345623	51.486	ng		95
27) 2,4-Dimethylphenol	7.722	122	451265	34.469	ng		98
28) bis(2-Chloroethoxy)met...	7.822	93	930640	45.356	ng		98
29) 2,4-Dichlorophenol	7.922	162	524667	42.758	ng		97
30) 1,2,4-Trichlorobenzene	8.004	180	581972	44.187	ng		99
31) Naphthalene	8.086	128	1918543	41.599	ng		99
32) Benzoic acid	7.828	122	108734	18.558	ng		98
33) 4-Chloroaniline	8.139	127	124266	7.084	ng		97
34) Hexachlorobutadiene	8.204	225	329777	42.148	ng		99
35) Caprolactam	8.516	113	24162	6.367	ng		97
36) 4-Chloro-3-methylphenol	8.616	107	494265	35.530	ng		98
37) 2-Methylnaphthalene	8.775	142	1213724	40.841	ng		99
38) 1-Methylnaphthalene	8.875	142	1131556	40.272	ng		99
40) 1,2,4,5-Tetrachloroben...	8.945	216	582438	47.280	ng		98
41) Hexachlorocyclopentadiene	8.928	237	248237	44.445	ng		97
43) 2,4,6-Trichlorophenol	9.057	196	367258	45.980	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.098	196	381430	41.625	ng		98
46) 1,1'-Biphenyl	9.245	154	1482952	45.524	ng		99
47) 2-Chloronaphthalene	9.269	162	1140083	46.343	ng		98
48) 2-Nitroaniline	9.369	65	358116	47.936	ng		95
49) Acenaphthylene	9.680	152	1804849	45.156	ng		99
50) Dimethylphthalate	9.551	163	1396416	45.184	ng		99
51) 2,6-Dinitrotoluene	9.610	165	288557	50.188	ng	#	86
52) Acenaphthene	9.857	154	1017434	42.643	ng		100
53) 3-Nitroaniline	9.780	138	127102	20.756	ng		99
54) 2,4-Dinitrophenol	9.886	184	217851	76.984	ng		98
55) Dibenzofuran	10.027	168	1560307	42.313	ng		98
56) 4-Nitrophenol	9.945	139	94316	23.034	ng		94
57) 2,4-Dinitrotoluene	10.016	165	352266	48.451	ng		94
58) Fluorene	10.374	166	1143498	40.605	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.145	232	314070m	41.389	ng		
60) Diethylphthalate	10.251	149	1318781	45.705	ng		99
61) 4-Chlorophenyl-phenyle...	10.369	204	569521	41.112	ng		94
62) 4-Nitroaniline	10.398	138	185295	31.259	ng		98
63) Azobenzene	10.527	77	1448574	41.960	ng		98
65) 4,6-Dinitro-2-methylph...	10.422	198	151047	48.228	ng		94
66) n-Nitrosodiphenylamine	10.486	169	1032240	49.648	ng		99
67) 4-Bromophenyl-phenylether	10.857	248	344772	50.096	ng		94
68) Hexachlorobenzene	10.916	284	350376	49.214	ng		93
69) Atrazine	11.022	200	297904	53.093	ng		99
70) Pentachlorophenol	11.116	266	378173	83.839	ng		100
71) Phenanthrene	11.339	178	1551744	43.934	ng		99
72) Anthracene	11.392	178	1601775	44.006	ng		100
73) Carbazole	11.545	167	1274695	40.988	ng		99
74) Di-n-butylphthalate	11.886	149	1873942	60.220	ng		100
75) Fluoranthene	12.533	202	1347777	39.092	ng		99
77) Benzidine	12.668	184	44883	12.887	ng		97
78) Pyrene	12.757	202	1362099	38.129	ng		99
80) Butylbenzylphthalate	13.392	149	436948	70.620	ng		94
81) Benzo(a)anthracene	13.957	228	1203996	45.926	ng		100
82) 3,3'-Dichlorobenzidine	13.927	252	284343	46.668	ng		99
83) Chrysene	13.992	228	1212109	45.261	ng		100
84) Bis(2-ethylhexyl)phtha...	13.957	149	677325	81.909	ng		99
85) Di-n-octyl phthalate	14.580	149	1337384	81.595	ng	#	89
87) Indeno(1,2,3-cd)pyrene	16.945	276	993393	33.223	ng		99
88) Benzo(b)fluoranthene	15.015	252	1240009	45.966	ng		99
89) Benzo(k)fluoranthene	15.045	252	1276613	45.151	ng		99
90) Benzo(a)pyrene	15.386	252	1138453	44.491	ng		99
91) Dibenzo(a,h)anthracene	16.968	278	821279	33.399	ng		97
92) Benzo(g,h,i)perylene	17.403	276	716352	28.645	ng		99

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

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