Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032124\
Data File : BF137664.D
Acq On : 21 Mar 2024 16:57
Operator : CG\JU
Sample : P1803-02MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Mar 21 17:31:59 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 14 14:45:20 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
TRENCH-PITMS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 03/22/2024
Supervised By :mohammad ahmed 03/26/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.728	152	144535	20.000	ng		0.00
21) Naphthalene-d8	8.010	136	555813	20.000	ng		0.00
39) Acenaphthene-d10	9.757	164	287677	20.000	ng		0.00
64) Phenanthrene-d10	11.245	188	433543	20.000	ng		0.00
76) Chrysene-d12	13.880	240	292556	20.000	ng		0.00
86) Perylene-d12	15.298	264	323087	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.351	112	1127960	118.196	ng		0.02
7) Phenol-d6	6.369	99	1366115	99.171	ng		0.00
23) Nitrobenzene-d5	7.298	82	997071	83.352	ng		0.00
42) 2,4,6-Tribromophenol	10.551	330	342372	135.523	ng		0.00
45) 2-Fluorobiphenyl	9.086	172	1613819	87.814	ng		0.00
79) Terphenyl-d14	12.827	244	1430305	67.229	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.522	88	190052	36.422	ng	#	84
3) Pyridine	3.210	79	291808	23.188	ng		96
4) n-Nitrosodimethylamine	3.140	42	191023	38.307	ng		96
6) Aniline	6.404	93	86837	5.159	ng	#	72
8) 2-Chlorophenol	6.516	128	431173	42.836	ng		98
9) Benzaldehyde	6.287	77	38744	5.741	ng		97
10) Phenol	6.381	94	495414	33.413	ng		99
11) bis(2-Chloroethyl)ether	6.469	93	448259	41.257	ng		98
12) 1,3-Dichlorobenzene	6.669	146	472934	43.970	ng		97
13) 1,4-Dichlorobenzene	6.745	146	471580	42.852	ng		98
14) 1,2-Dichlorobenzene	6.898	146	454807	45.026	ng		96
15) Benzyl Alcohol	6.875	79	351580	40.996	ng		100
16) 2,2'-oxybis(1-Chloropr...	7.004	45	663426	35.523	ng		91
17) 2-Methylphenol	6.992	107	349484	37.105	ng		96
18) Hexachloroethane	7.234	117	162090	44.732	ng		96
19) n-Nitroso-di-n-propyla...	7.145	70	326004	38.324	ng		98
20) 3+4-Methylphenols	7.145	107	409485	37.961	ng		97
22) Acetophenone	7.139	105	590818	43.933	ng	#	94
24) Nitrobenzene	7.316	77	490915	40.853	ng		93
25) Isophorone	7.551	82	915742	40.295	ng		97
26) 2-Nitrophenol	7.628	139	217868	45.667	ng		98
27) 2,4-Dimethylphenol	7.669	122	303320	34.026	ng		98
28) bis(2-Chloroethoxy)met...	7.763	93	555484	41.659	ng		98
29) 2,4-Dichlorophenol	7.869	162	355578	43.462	ng		98
30) 1,2,4-Trichlorobenzene	7.951	180	383212	44.510	ng		99
31) Naphthalene	8.028	128	1266324	42.464	ng		100
32) Benzoic acid	7.804	122	169504	34.984	ng		99
33) 4-Chloroaniline	8.092	127	36091	3.086	ng		94
34) Hexachlorobutadiene	8.145	225	227168	44.693	ng		99
35) Caprolactam	8.451	113	95209m	34.320	ng		
36) 4-Chloro-3-methylphenol	8.575	107	371006	40.569	ng		99
37) 2-Methylnaphthalene	8.722	142	771694	40.592	ng		100
38) 1-Methylnaphthalene	8.822	142	715714	39.977	ng		99
40) 1,2,4,5-Tetrachloroben...	8.886	216	375159	46.713	ng		99
41) Hexachlorocyclopentadiene	8.869	237	280590	85.033	ng		99
43) 2,4,6-Trichlorophenol	9.004	196	239542	45.802	ng		99

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44) 2,4,5-Trichlorophenol	9.045	196	261529	43.410	ng	96
46) 1,1'-Biphenyl	9.186	154	946883	44.971	ng	98
47) 2-Chloronaphthalene	9.210	162	750014	46.721	ng	99
48) 2-Nitroaniline	9.310	65	228655	41.907	ng	98
49) Acenaphthylene	9.622	152	1167092	45.429	ng	99
50) Dimethylphthalate	9.492	163	886787	44.283	ng	100
51) 2,6-Dinitrotoluene	9.551	165	188482	44.999	ng	95
52) Acenaphthene	9.792	154	654243	42.657	ng	99
53) 3-Nitroaniline	9.728	138	18037m	4.071	ng	
54) 2,4-Dinitrophenol	9.833	184	144733	71.786	ng	93
55) Dibenzofuran	9.969	168	991642	42.451	ng	98
56) 4-Nitrophenol	9.892	139	193612	62.476	ng	99
57) 2,4-Dinitrotoluene	9.957	165	230933	44.876	ng	100
58) Fluorene	10.310	166	753720	42.013	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.086	232	205455	42.526	ng	96
60) Diethylphthalate	10.186	149	809635	42.813	ng	100
61) 4-Chlorophenyl-phenyle...	10.304	204	375181	42.672	ng	95
62) 4-Nitroaniline	10.333	138	109679	28.803	ng	99
63) Azobenzene	10.463	77	860784	39.530	ng	99
65) 4,6-Dinitro-2-methylph...	10.363	198	111879	46.301	ng	84
66) n-Nitrosodiphenylamine	10.422	169	635770	45.540	ng	100
67) 4-Bromophenyl-phenylether	10.792	248	229233	48.545	ng	97
68) Hexachlorobenzene	10.851	284	240850	50.500	ng	96
69) Atrazine	10.951	200	157318	37.068	ng	100
70) Pentachlorophenol	11.051	266	237264	82.293	ng	97
71) Phenanthrene	11.269	178	1041851	44.157	ng	100
72) Anthracene	11.322	178	1047680	43.234	ng	98
73) Carbazole	11.480	167	873185	42.067	ng	99
74) Di-n-butylphthalate	11.810	149	1117245	45.240	ng	100
75) Fluoranthene	12.451	202	934137	40.504	ng	99
78) Pyrene	12.680	202	949350	33.071	ng	99
80) Butylbenzylphthalate	13.304	149	350194	47.768	ng	96
81) Benzo(a)anthracene	13.868	228	858455	41.866	ng	100
82) 3,3'-Dichlorobenzidine	13.839	252	42362	7.758	ng	94
83) Chrysene	13.904	228	880334	42.478	ng	100
84) Bis(2-ethylhexyl)phtha...	13.863	149	459840	49.349	ng	99
85) Di-n-octyl phthalate	14.474	149	857453	47.776	ng	96
87) Indeno(1,2,3-cd)pyrene	16.692	276	761008	35.793	ng	96
88) Benzo(b)fluoranthene	14.892	252	921125	48.197	ng	99
89) Benzo(k)fluoranthene	14.921	252	888311	43.273	ng	99
90) Benzo(a)pyrene	15.245	252	813242	43.180	ng	99
91) Dibenzo(a,h)anthracene	16.704	278	631305	36.603	ng	97
92) Benzo(g,h,i)perylene	17.104	276	547097	30.887	ng	98

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

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