Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112922\
Data File : BF131461.D
Acq On : 29 Nov 2022 17:37
Operator : CG\JU
Sample : N5780-02MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-MMSD

Manual Integrations APPROVED
Reviewed By :Christian Giraldo 11/30/2022
Supervised By :mohammad ahmed 12/01/2022

Quant Time: Nov 30 01:07:21 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 29 00:18:36 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.945	152	152889	20.000	ng		0.00
21) Naphthalene-d8	8.239	136	587696	20.000	ng		# 0.00
39) Acenaphthene-d10	10.004	164	322954	20.000	ng		0.00
64) Phenanthrene-d10	11.498	188	562518	20.000	ng		# 0.00
76) Chrysene-d12	14.157	240	366358	20.000	ng		#-0.01
86) Perylene-d12	15.686	264	313882	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.587	112	1053403	131.131	ng		0.03
7) Phenol-d6	6.581	99	1281249	125.007	ng		0.00
23) Nitrobenzene-d5	7.516	82	925316	79.367	ng		-0.01
42) 2,4,6-Tribromophenol	10.804	330	406398	149.574	ng		0.00
45) 2-Fluorobiphenyl	9.322	172	1676231	75.510	ng		0.00
79) Terphenyl-d14	13.092	244	1828991	81.638	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.004	88	156470m	40.856	ng		
3) Pyridine	3.698	79	377635	35.511	ng		86
4) n-Nitrosodimethylamine	3.646	42	226588	36.131	ng	#	72
6) Aniline	6.610	93	290068m	21.594	ng		
8) 2-Chlorophenol	6.734	128	446068	49.013	ng		97
9) Benzaldehyde	6.498	77	196093	29.016	ng		97
10) Phenol	6.592	94	481463m	42.368	ng		
11) bis(2-Chloroethyl)ether	6.686	93	446155	46.860	ng		94
12) 1,3-Dichlorobenzene	6.886	146	434423	40.051	ng		99
13) 1,4-Dichlorobenzene	6.963	146	443455	40.236	ng		100
14) 1,2-Dichlorobenzene	7.116	146	429957	42.368	ng		97
15) Benzyl Alcohol	7.092	79	404173	48.093	ng		93
16) 2,2'-oxybis(1-Chloropr...	7.222	45	713402	39.180	ng		94
17) 2-Methylphenol	7.198	107	376187	48.497	ng		96
18) Hexachloroethane	7.463	117	165179	41.896	ng		96
19) n-Nitroso-di-n-propyla...	7.369	70	322304	42.956	ng		87
20) 3+4-Methylphenols	7.351	107	423930m	42.804	ng		
22) Acetophenone	7.363	105	601733	40.225	ng	#	95
24) Nitrobenzene	7.539	77	486129	40.020	ng		91
25) Isophorone	7.775	82	919987	44.230	ng		98
26) 2-Nitrophenol	7.851	139	233695	57.451	ng		87
27) 2,4-Dimethylphenol	7.886	122	415261	51.499	ng		93
28) bis(2-Chloroethoxy)met...	7.981	93	553328	46.837	ng		99
29) 2,4-Dichlorophenol	8.092	162	389871	44.574	ng		97
30) 1,2,4-Trichlorobenzene	8.175	180	419550	38.721	ng		98
31) Naphthalene	8.263	128	1384881	44.220	ng		99
32) Benzoic acid	7.998	122	187268	39.982	ng		96
33) 4-Chloroaniline	8.304	127	128312	10.385	ng		94
34) Hexachlorobutadiene	8.369	225	248242	35.381	ng		97
35) Caprolactam	8.686	113	104578m	45.500	ng		
36) 4-Chloro-3-methylphenol	8.792	107	414195	45.581	ng		99
37) 2-Methylnaphthalene	8.957	142	868468	40.927	ng		98
38) 1-Methylnaphthalene	9.057	142	812604	39.491	ng		99
40) 1,2,4,5-Tetrachloroben...	9.122	216	422194	40.285	ng		99
41) Hexachlorocyclopentadiene	9.104	237	454208	96.407	ng		98
43) 2,4,6-Trichlorophenol	9.233	196	295106	49.637	ng		99

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Quant Time: Nov 30 01:07:21 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 29 00:18:36 2022
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.275	196	304711	45.578	ng		99
46)	1,1'-Biphenyl	9.422	154	1049402	42.580	ng		98
47)	2-Chloronaphthalene	9.451	162	823883	41.673	ng		98
48)	2-Nitroaniline	9.545	65	280320	46.698	ng		95
49)	Acenaphthylene	9.869	152	1264975	41.973	ng		100
50)	Dimethylphthalate	9.727	163	960878	42.703	ng		98
51)	2,6-Dinitrotoluene	9.786	165	221020	49.116	ng		84
52)	Acenaphthene	10.039	154	836580	44.330	ng		99
53)	3-Nitroaniline	9.957	138	113739	24.598	ng		98
54)	2,4-Dinitrophenol	10.063	184	157531	77.700	ng	#	81
55)	Dibenzofuran	10.210	168	1108594	40.832	ng		98
56)	4-Nitrophenol	10.122	139	315304	98.252	ng		88
57)	2,4-Dinitrotoluene	10.192	165	288578	50.968	ng		94
58)	Fluorene	10.557	166	861544	40.660	ng		98
59)	2,3,4,6-Tetrachlorophenol	10.327	232	257419	46.235	ng	#	96
60)	Diethylphthalate	10.427	149	882306	41.527	ng		98
61)	4-Chlorophenyl-phenyle...	10.545	204	433378	39.897	ng		100
62)	4-Nitroaniline	10.580	138	211049	45.862	ng		86
63)	Azobenzene	10.710	77	894441	39.153	ng		92
65)	4,6-Dinitro-2-methylph...	10.604	198	120578	49.448	ng	#	73
66)	n-Nitrosodiphenylamine	10.669	169	748319	41.749	ng		99
67)	4-Bromophenyl-phenylether	11.039	248	287808	41.745	ng		98
68)	Hexachlorobenzene	11.104	284	309859	42.346	ng		93
69)	Atrazine	11.198	200	272517	49.380	ng		99
70)	Pentachlorophenol	11.298	266	327150	77.130	ng		99
71)	Phenanthrene	11.527	178	1244491	40.937	ng		99
72)	Anthracene	11.580	178	1247689	41.762	ng		99
73)	Carbazole	11.733	167	1129461	44.319	ng		99
74)	Di-n-butylphthalate	12.057	149	1330875	44.318	ng		99
75)	Fluoranthene	12.721	202	1322499	41.284	ng		98
77)	Benzidine	12.839	184	232634	34.377	ng		95
78)	Pyrene	12.951	202	1325588	41.010	ng		99
80)	Butylbenzylphthalate	13.568	149	516454	47.536	ng		97
81)	Benzo(a)anthracene	14.145	228	1062655	42.317	ng		99
82)	3,3'-Dichlorobenzidine	14.104	252	170062	25.521	ng		99
83)	Chrysene	14.186	228	991592	40.248	ng		99
84)	Bis(2-ethylhexyl)phtha...	14.127	149	681304	47.272	ng	#	98
85)	Di-n-octyl phthalate	14.751	149	1039787	50.028	ng		94
87)	Indeno(1,2,3-cd)pyrene	17.256	276	942149	44.690	ng		97
88)	Benzo(b)fluoranthene	15.233	252	966935	46.372	ng	#	98
89)	Benzo(k)fluoranthene	15.268	252	860318	40.148	ng		99
90)	Benzo(a)pyrene	15.627	252	787001	45.998	ng	#	98
91)	Dibenzo(a,h)anthracene	17.280	278	795643	45.713	ng		97
92)	Benzo(g,h,i)perylene	17.739	276	805201	46.352	ng		97

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

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