Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091522\
Data File : BF130272.D
Acq On : 15 Sep 2022 15:38
Operator : CG\JU
Sample : N4613-02MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SASP2-T-6-(18-23)MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 09/16/2022
Supervised By :Jagrut Upadhyay 09/16/2022

Quant Time: Sep 16 03:28:25 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 14 14:55:51 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.675	152	96296	20.000	ng		0.00
21) Naphthalene-d8	7.963	136	389667	20.000	ng	#	0.00
39) Acenaphthene-d10	9.710	164	207882	20.000	ng		0.00
64) Phenanthrene-d10	11.192	188	343193	20.000	ng		0.00
76) Chrysene-d12	13.816	240	170337	20.000	ng		0.00
86) Perylene-d12	15.210	264	163081	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.287	112	757079	136.364	ng		0.01
7) Phenol-d6	6.316	99	964259	138.808	ng		0.00
23) Nitrobenzene-d5	7.245	82	621874	81.533	ng		0.00
42) 2,4,6-Tribromophenol	10.498	330	300037	150.628	ng		0.00
45) 2-Fluorobiphenyl	9.039	172	1139590	79.827	ng		0.00
79) Terphenyl-d14	12.775	244	971369	94.464	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.387	88	104102	40.828	ng		97
3) Pyridine	3.069	79	261361	39.294	ng		98
4) n-Nitrosodimethylamine	3.028	42	160233	44.293	ng		99
6) Aniline	6.340	93	394240	46.060	ng		98
8) 2-Chlorophenol	6.457	128	317252	50.163	ng		97
9) Benzaldehyde	6.228	77	197351	42.412	ng		94
10) Phenol	6.328	94	400267	49.168	ng		95
11) bis(2-Chloroethyl)ether	6.422	93	287444	48.952	ng		96
12) 1,3-Dichlorobenzene	6.616	146	336349	48.334	ng		100
13) 1,4-Dichlorobenzene	6.693	146	342851	48.313	ng		99
14) 1,2-Dichlorobenzene	6.845	146	324142	48.896	ng		100
15) Benzyl Alcohol	6.828	79	250066	45.402	ng		96
16) 2,2'-oxybis(1-Chloropr...	6.957	45	395664	46.199	ng		97
17) 2-Methylphenol	6.940	107	250037	48.635	ng		97
18) Hexachloroethane	7.187	117	133921	47.876	ng		98
19) n-Nitroso-di-n-propyla...	7.104	70	224181	47.825	ng		96
20) 3+4-Methylphenols	7.093	107	327546	49.044	ng	#	87
22) Acetophenone	7.093	105	458248	48.101	ng		99
24) Nitrobenzene	7.263	77	350549	45.263	ng		99
25) Isophorone	7.504	82	612598	49.832	ng		99
26) 2-Nitrophenol	7.581	139	167830	52.863	ng		93
27) 2,4-Dimethylphenol	7.622	122	283085	57.910	ng		99
28) bis(2-Chloroethoxy)met...	7.722	93	362533	52.372	ng		99
29) 2,4-Dichlorophenol	7.822	162	262499	49.002	ng		98
30) 1,2,4-Trichlorobenzene	7.904	180	265691	45.875	ng		95
31) Naphthalene	7.981	128	913830	45.520	ng		99
32) Benzoic acid	7.745	122	173324	45.849	ng		96
33) 4-Chloroaniline	8.034	127	227414	29.785	ng		99
34) Hexachlorobutadiene	8.098	225	169245	45.725	ng		97
35) Caprolactam	8.416	113	85318m	55.556	ng		
36) 4-Chloro-3-methylphenol	8.522	107	301208	50.728	ng		99
37) 2-Methylnaphthalene	8.675	142	604519	47.229	ng		99
38) 1-Methylnaphthalene	8.769	142	573048	46.604	ng		99
40) 1,2,4,5-Tetrachloroben...	8.839	216	273330	48.179	ng		99
41) Hexachlorocyclopentadiene	8.828	237	365315	120.273	ng		97
43) 2,4,6-Trichlorophenol	8.951	196	186388	47.075	ng		94

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	8.987	196	202014	47.281	ng		94
46)	1,1'-Biphenyl	9.139	154	747224	48.129	ng		98
47)	2-Chloronaphthalene	9.163	162	577476	45.980	ng		98
48)	2-Nitroaniline	9.263	65	192048	45.847	ng		90
49)	Acenaphthylene	9.575	152	862604	45.809	ng		100
50)	Dimethylphthalate	9.445	163	671558	46.767	ng		100
51)	2,6-Dinitrotoluene	9.504	165	149271	49.705	ng		93
52)	Acenaphthene	9.745	154	624500m	50.476	ng		
53)	3-Nitroaniline	9.669	138	113180	33.822	ng		97
54)	2,4-Dinitrophenol	9.775	184	141090	86.090	ng		98
55)	Dibenzofuran	9.916	168	792433	46.048	ng		99
56)	4-Nitrophenol	9.839	139	235912	96.792	ng	#	88
57)	2,4-Dinitrotoluene	9.904	165	197944	51.574	ng		97
58)	Fluorene	10.257	166	651539	46.294	ng		99
59)	2,3,4,6-Tetrachlorophenol	10.034	232	149589	44.731	ng		99
60)	Diethylphthalate	10.145	149	670903	46.591	ng		100
61)	4-Chlorophenyl-phenyle...	10.257	204	297501	48.187	ng		93
62)	4-Nitroaniline	10.286	138	147355	43.834	ng		97
63)	Azobenzene	10.416	77	647022	43.636	ng		96
65)	4,6-Dinitro-2-methylph...	10.310	198	88488	46.318	ng		89
66)	n-Nitrosodiphenylamine	10.375	169	544979	47.520	ng		98
67)	4-Bromophenyl-phenylether	10.739	248	186160	49.171	ng		96
68)	Hexachlorobenzene	10.798	284	212514	49.518	ng		93
69)	Atrazine	10.904	200	180005	53.709	ng		98
70)	Pentachlorophenol	10.992	266	215570	93.593	ng		100
71)	Phenanthrene	11.216	178	874423	45.381	ng		99
72)	Anthracene	11.269	178	885805	47.639	ng		99
73)	Carbazole	11.422	167	776826	46.292	ng		99
74)	Di-n-butylphthalate	11.763	149	956178	47.251	ng		99
75)	Fluoranthene	12.398	202	796613	42.785	ng		97
77)	Benzidine	12.527	184	354374	71.667	ng		99
78)	Pyrene	12.627	202	775615	52.051	ng		99
80)	Butylbenzylphthalate	13.251	149	295055	53.449	ng		99
81)	Benzo(a)anthracene	13.810	228	525699	46.392	ng		100
82)	3,3'-Dichlorobenzidine	13.780	252	158310	51.323	ng	#	98
83)	Chrysene	13.845	228	493164	45.836	ng		99
84)	Bis(2-ethylhexyl)phtha...	13.810	149	347992	55.035	ng		99
85)	Di-n-octyl phthalate	14.421	149	484766	50.124	ng		99
87)	Indeno(1,2,3-cd)pyrene	16.545	276	593851	51.350	ng		99
88)	Benzo(b)fluoranthene	14.821	252	501936	47.156	ng		97
89)	Benzo(k)fluoranthene	14.845	252	461812	44.105	ng		99
90)	Benzo(a)pyrene	15.157	252	435137	51.601	ng		97
91)	Dibenzo(a,h)anthracene	16.563	278	510235	53.781	ng		100
92)	Benzo(g,h,i)perylene	16.951	276	513854	53.768	ng		99

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

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