Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102122\
Data File : BF130753.D
Acq On : 21 Oct 2022 19:26
Operator : CG\JU
Sample : N5184-01MS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Oct 21 22:56:50 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 21 06:12:36 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
EO-02-101822MS

Manual Integrations APPROVED
Reviewed By :Christian Giraldo 10/24/2022
Supervised By :Jagrut Upadhyay 10/24/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.563	152	67089	20.000	ng		0.00
21) Naphthalene-d8	7.845	136	239378	20.000	ng		0.00
39) Acenaphthene-d10	9.598	164	111531	20.000	ng		0.00
64) Phenanthrene-d10	11.075	188	178271	20.000	ng		0.00
76) Chrysene-d12	13.716	240	105608	20.000	ng		0.01
86) Perylene-d12	15.098	264	88604	20.000	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.175	112	401334	103.156	ng		0.01
7) Phenol-d6	6.228	99	490990	104.305	ng		0.00
23) Nitrobenzene-d5	7.139	82	291485	64.595	ng		0.00
42) 2,4,6-Tribromophenol	10.386	330	93891	88.522	ng		0.00
45) 2-Fluorobiphenyl	8.922	172	484605	66.215	ng		0.00
79) Terphenyl-d14	12.657	244	410795	65.550	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.163	88	74794	32.312	ng		99
3) Pyridine	2.822	79	140319	31.444	ng		98
4) n-Nitrosodimethylamine	2.787	42	80405	40.555	ng		94
6) Aniline	6.234	93	109315	20.157	ng	#	77
8) 2-Chlorophenol	6.357	128	183645	40.794	ng		96
9) Benzaldehyde	6.116	77	86353	31.419	ng		97
10) Phenol	6.240	94	219942	42.381	ng		84
11) bis(2-Chloroethyl)ether	6.310	93	171816	44.575	ng		99
12) 1,3-Dichlorobenzene	6.504	146	198769	40.645	ng		100
13) 1,4-Dichlorobenzene	6.581	146	205809	40.916	ng		98
14) 1,2-Dichlorobenzene	6.734	146	190636	40.114	ng		99
15) Benzyl Alcohol	6.728	79	120495	34.897	ng		98
16) 2,2'-oxybis(1-Chloropr...	6.851	45	205665	41.596	ng		76
17) 2-Methylphenol	6.851	107	152967	41.305	ng		95
18) Hexachloroethane	7.069	117	54843	29.193	ng		97
19) n-Nitroso-di-n-propyla...	6.992	70	124780	39.229	ng		98
20) 3+4-Methylphenols	7.004	107	183650	37.835	ng	#	86
22) Acetophenone	6.987	105	260708	44.646	ng		97
24) Nitrobenzene	7.157	77	178734	38.937	ng		99
25) Isophorone	7.398	82	314665	42.323	ng		97
26) 2-Nitrophenol	7.475	139	72121	31.336	ng		98
27) 2,4-Dimethylphenol	7.528	122	150800	48.428	ng		97
28) bis(2-Chloroethoxy)met...	7.610	93	198935	46.192	ng		99
29) 2,4-Dichlorophenol	7.728	162	136319	39.701	ng		97
30) 1,2,4-Trichlorobenzene	7.792	180	145851	40.448	ng		99
31) Naphthalene	7.869	128	495830	40.172	ng		99
32) Benzoic acid	7.675	122	34241	22.627	ng		98
33) 4-Chloroaniline	7.934	127	88627	18.664	ng		97
34) Hexachlorobutadiene	7.981	225	96597	42.136	ng		98
35) Caprolactam	8.310	113	40496	37.736	ng	#	85
36) 4-Chloro-3-methylphenol	8.434	107	133367	35.938	ng		98
37) 2-Methylnaphthalene	8.557	142	305050	37.721	ng		99
38) 1-Methylnaphthalene	8.657	142	288299	35.957	ng		98
40) 1,2,4,5-Tetrachloroben...	8.728	216	135511	45.788	ng		99
43) 2,4,6-Trichlorophenol	8.851	196	84019	45.108	ng		94
44) 2,4,5-Trichlorophenol	8.904	196	84939	41.930	ng		98

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46)	1,1'-Biphenyl	9.022	154	362220	46.563	ng		99
47)	2-Chloronaphthalene	9.045	162	271130	41.911	ng		100
48)	2-Nitroaniline	9.157	65	88263	44.451	ng		88
49)	Acenaphthylene	9.457	152	390508	40.968	ng		100
50)	Dimethylphthalate	9.333	163	333212	44.416	ng		100
51)	2,6-Dinitrotoluene	9.398	165	58304	34.705	ng		89
52)	Acenaphthene	9.628	154	252563	42.628	ng		98
53)	3-Nitroaniline	9.569	138	70700	36.933	ng		98
54)	2,4-Dinitrophenol	9.751	184	1243m	10.156	ng		
55)	Dibenzofuran	9.804	168	385784	42.303	ng		97
56)	4-Nitrophenol	9.769	139	52534	83.162	ng		97
57)	2,4-Dinitrotoluene	9.810	165	70394	31.106	ng		97
58)	Fluorene	10.145	166	314265	41.435	ng		99
59)	2,3,4,6-Tetrachlorophenol	9.933	232	60872	37.798	ng	#	93
60)	Diethylphthalate	10.028	149	314701	40.658	ng		99
61)	4-Chlorophenyl-phenyle...	10.139	204	137641	40.489	ng		97
62)	4-Nitroaniline	10.186	138	71740	39.509	ng		100
63)	Azobenzene	10.298	77	254903	37.507	ng		98
66)	n-Nitrosodiphenylamine	10.257	169	257798	41.949	ng		100
67)	4-Bromophenyl-phenylether	10.622	248	87308	40.715	ng		95
68)	Hexachlorobenzene	10.692	284	92000	37.536	ng		97
69)	Atrazine	10.792	200	79917	46.957	ng		98
70)	Pentachlorophenol	10.898	266	49345	82.215	ng		99
71)	Phenanthrene	11.104	178	722447	73.901	ng		99
72)	Anthracene	11.157	178	494294	50.668	ng		99
73)	Carbazole	11.316	167	396821	44.057	ng		99
74)	Di-n-butylphthalate	11.645	149	468714	42.310	ng		99
75)	Fluoranthene	12.292	202	789243	79.859	ng		98
77)	Benzidine	12.421	184	31610	13.366	ng	#	91
78)	Pyrene	12.516	202	694628	78.360	ng		100
80)	Butylbenzylphthalate	13.139	149	167479	47.614	ng		99
81)	Benzo(a)anthracene	13.704	228	422122	59.820	ng		99
82)	3,3'-Dichlorobenzidine	13.668	252	57426	28.023	ng		98
83)	Chrysene	13.739	228	371735	54.370	ng		98
84)	Bis(2-ethylhexyl)phtha...	13.692	149	231681	55.602	ng		98
85)	Di-n-octyl phthalate	14.304	149	335840	61.136	ng	#	99
87)	Indeno(1,2,3-cd)pyrene	16.404	276	236626	37.237	ng		97
88)	Benzo(b)fluoranthene	14.715	252	358019	60.686	ng	#	91
89)	Benzo(k)fluoranthene	14.739	252	285268	48.130	ng		97
90)	Benzo(a)pyrene	15.045	252	284063	59.950	ng		99
91)	Dibenzo(a,h)anthracene	16.404	278	190027	36.189	ng		95
92)	Benzo(g,h,i)perylene	16.792	276	187840	35.668	ng		96

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

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