Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112222\
Data File : BF131336.D
Acq On : 22 Nov 2022 18:27
Operator : CG\JU
Sample : N5642-09MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 23 04:17:51 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 22 01:17:52 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
LEFT-SIDE-FLATS-29MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.963	152	93111	20.000	ng		0.00
21) Naphthalene-d8	8.257	136	345368	20.000	ng		0.00
39) Acenaphthene-d10	10.022	164	189001	20.000	ng		0.00
64) Phenanthrene-d10	11.516	188	340118	20.000	ng		0.00
76) Chrysene-d12	14.174	240	168672	20.000	ng		0.00
86) Perylene-d12	15.710	264	187441	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.581	112	600650	122.775	ng		0.01
7) Phenol-d6	6.581	99	759003	121.596	ng		0.00
23) Nitrobenzene-d5	7.534	82	487809	71.199	ng		0.00
42) 2,4,6-Tribromophenol	10.816	330	208328	131.017	ng		0.00
45) 2-Fluorobiphenyl	9.334	172	909973	70.044	ng		0.00
79) Terphenyl-d14	13.110	244	844672	81.890	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.857	88	102292	43.858	ng		100
3) Pyridine	3.610	79	267262	41.267	ng		96
4) n-Nitrosodimethylamine	3.575	42	171644	44.942	ng		98
6) Aniline	6.622	93	170071m	20.790	ng		
8) 2-Chlorophenol	6.745	128	281914	50.863	ng		98
9) Benzaldehyde	6.516	77	162257	43.063	ng		98
10) Phenol	6.593	94	334051	48.268	ng		98
11) bis(2-Chloroethyl)ether	6.698	93	266418	45.947	ng		99
12) 1,3-Dichlorobenzene	6.904	146	306120	46.342	ng		98
13) 1,4-Dichlorobenzene	6.981	146	307704	45.843	ng		99
14) 1,2-Dichlorobenzene	7.134	146	289681	46.872	ng		97
15) Benzyl Alcohol	7.104	79	227011	44.355	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.240	45	493035	44.461	ng		97
17) 2-Methylphenol	7.210	107	222078	47.011	ng		99
18) Hexachloroethane	7.481	117	115720	48.194	ng		94
19) n-Nitroso-di-n-propyla...	7.381	70	204694	44.796	ng		95
20) 3+4-Methylphenols	7.363	107	284504	47.168	ng		94
22) Acetophenone	7.375	105	390663	44.439	ng	#	99
24) Nitrobenzene	7.551	77	315836	44.245	ng		99
25) Isophorone	7.787	82	567101	46.394	ng		100
26) 2-Nitrophenol	7.869	139	130524	54.780	ng		91
27) 2,4-Dimethylphenol	7.898	122	252266	53.236	ng		99
28) bis(2-Chloroethoxy)met...	7.998	93	331252	47.713	ng		100
29) 2,4-Dichlorophenol	8.104	162	239671	46.628	ng		98
30) 1,2,4-Trichlorobenzene	8.192	180	276638	43.445	ng		99
31) Naphthalene	8.281	128	785888	42.701	ng		98
32) Benzoic acid	7.975	122	54255	24.129	ng		91
33) 4-Chloroaniline	8.322	127	52768	7.268	ng		93
34) Hexachlorobutadiene	8.392	225	174554	42.335	ng		99
35) Caprolactam	8.692	113	67291m	49.820	ng		
36) 4-Chloro-3-methylphenol	8.798	107	261807	49.026	ng		94
37) 2-Methylnaphthalene	8.969	142	536465	43.020	ng		100
38) 1-Methylnaphthalene	9.075	142	497985	41.182	ng		100
40) 1,2,4,5-Tetrachloroben...	9.134	216	278052	45.335	ng		98
41) Hexachlorocyclopentadiene	9.122	237	321263	116.518	ng		99
43) 2,4,6-Trichlorophenol	9.245	196	181922	52.286	ng		97

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.281	196	192336	49.160	ng		96
46)	1,1'-Biphenyl	9.439	154	658160	45.633	ng		99
47)	2-Chloronaphthalene	9.463	162	521195	45.047	ng		99
48)	2-Nitroaniline	9.557	65	176249	50.171	ng		99
49)	Acenaphthylene	9.881	152	791949	44.902	ng		100
50)	Dimethylphthalate	9.739	163	601527	45.680	ng		99
51)	2,6-Dinitrotoluene	9.798	165	132836	50.441	ng		96
52)	Acenaphthene	10.057	154	506018	45.817	ng		99
53)	3-Nitroaniline	9.969	138	46607	17.223	ng		99
54)	2,4-Dinitrophenol	10.075	184	62353	59.129	ng	#	86
55)	Dibenzofuran	10.228	168	703441	44.272	ng		100
56)	4-Nitrophenol	10.122	139	186248	99.170	ng		96
57)	2,4-Dinitrotoluene	10.204	165	175243	52.888	ng		97
58)	Fluorene	10.575	166	541772	43.690	ng		99
59)	2,3,4,6-Tetrachlorophenol	10.339	232	152693	46.863	ng		99
60)	Diethylphthalate	10.445	149	580461	46.683	ng		99
61)	4-Chlorophenyl-phenyle...	10.563	204	287303	45.195	ng		98
62)	4-Nitroaniline	10.592	138	115864	43.022	ng		96
63)	Azobenzene	10.728	77	605853	45.316	ng		94
65)	4,6-Dinitro-2-methylph...	10.610	198	55551	40.256	ng		93
66)	n-Nitrosodiphenylamine	10.686	169	480935	44.376	ng		99
67)	4-Bromophenyl-phenylether	11.057	248	183680	44.063	ng		97
68)	Hexachlorobenzene	11.116	284	194962	44.066	ng		99
69)	Atrazine	11.210	200	170569	51.117	ng		98
70)	Pentachlorophenol	11.310	266	170729	67.240	ng		100
71)	Phenanthrene	11.539	178	785386	42.728	ng		100
72)	Anthracene	11.592	178	792752	43.885	ng		98
73)	Carbazole	11.745	167	660031	42.834	ng		100
74)	Di-n-butylphthalate	12.075	149	852070	46.927	ng		99
75)	Fluoranthene	12.739	202	758964	39.185	ng		97
77)	Benzidine	12.857	184	179422	57.589	ng		96
78)	Pyrene	12.969	202	730394	49.080	ng		99
80)	Butylbenzylphthalate	13.586	149	256950	51.035	ng		98
81)	Benzo(a)anthracene	14.163	228	511419	44.234	ng		99
82)	3,3'-Dichlorobenzidine	14.121	252	52670	17.168	ng		97
83)	Chrysene	14.198	228	489129	43.121	ng		99
84)	Bis(2-ethylhexyl)phtha...	14.151	149	320503	48.219	ng	#	98
85)	Di-n-octyl phthalate	14.774	149	499298	51.660	ng		98
87)	Indeno(1,2,3-cd)pyrene	17.298	276	626250	49.744	ng		100
88)	Benzo(b)fluoranthene	15.257	252	533351	42.832	ng		100
89)	Benzo(k)fluoranthene	15.286	252	533721	41.709	ng		98
90)	Benzo(a)pyrene	15.651	252	487164	47.680	ng		99
91)	Dibenzo(a,h)anthracene	17.315	278	526743	50.679	ng		98
92)	Benzo(g,h,i)perylene	17.774	276	503957	48.580	ng		98

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

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