Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082322\
Data File : BF129953.D
Acq On : 23 Aug 2022 14:49
Operator : CG\JU
Sample : N4258-01MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Aug 24 01:53:15 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 23 04:41:40 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
RBR-21153MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 08/24/2022
Supervised By :Jagrut Upadhyay 08/24/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.775	152	118657	20.000	ng		0.00
21) Naphthalene-d8	8.063	136	431790	20.000	ng		0.00
39) Acenaphthene-d10	9.833	164	175211	20.000	ng		0.02
64) Phenanthrene-d10	11.380	188	168881m	20.000	ng		0.08
76) Chrysene-d12	13.998	240	216311	20.000	ng	#	0.05
86) Perylene-d12	15.421	264	245118	20.000	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.422	112	1020493	142.396	ng		0.01
7) Phenol-d6	6.440	99	1256974	140.060	ng		0.00
23) Nitrobenzene-d5	7.351	82	793726	98.403	ng		0.00
42) 2,4,6-Tribromophenol	10.669	330	221393	125.898	ng		0.06
45) 2-Fluorobiphenyl	9.139	172	1209482	104.843	ng		0.00
79) Terphenyl-d14	12.951	244	895565	68.890	ng		0.06
Target Compounds							Qvalue
2) 1,4-Dioxane	2.522	88	133089	45.013	ng		95
3) Pyridine	3.293	79	352917	45.612	ng		97
4) n-Nitrosodimethylamine	3.246	42	207933	58.313	ng		92
6) Aniline	6.451	93	231528	22.635	ng	#	20
8) 2-Chlorophenol	6.575	128	417367	52.314	ng		96
9) Benzaldehyde	6.334	77	238619	51.599	ng		95
10) Phenol	6.451	94	507166	51.518	ng		85
11) bis(2-Chloroethyl)ether	6.516	93	399249	53.407	ng		97
12) 1,3-Dichlorobenzene	6.716	146	435014	50.507	ng		99
13) 1,4-Dichlorobenzene	6.793	146	442514	50.283	ng		99
14) 1,2-Dichlorobenzene	6.945	146	414059	50.659	ng		98
15) Benzyl Alcohol	6.934	79	367086	54.181	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.051	45	532024	53.112	ng		99
17) 2-Methylphenol	7.057	107	331024	51.674	ng		97
18) Hexachloroethane	7.281	117	171617	51.930	ng		97
19) n-Nitroso-di-n-propyla...	7.204	70	303945	53.580	ng		97
20) 3+4-Methylphenols	7.210	107	436203	50.727	ng		97
22) Acetophenone	7.198	105	610007	57.973	ng		98
24) Nitrobenzene	7.369	77	443028	54.470	ng		94
25) Isophorone	7.610	82	794074	57.198	ng		99
26) 2-Nitrophenol	7.687	139	212142	53.026	ng		96
27) 2,4-Dimethylphenol	7.734	122	345898	60.287	ng		97
28) bis(2-Chloroethoxy)met...	7.810	93	473515	58.416	ng		98
29) 2,4-Dichlorophenol	7.939	162	331564	52.850	ng		98
30) 1,2,4-Trichlorobenzene	8.004	180	325005	49.106	ng		98
31) Naphthalene	8.087	128	1104909	48.940	ng		100
32) Benzoic acid	7.892	122	175290	62.000	ng	#	78
33) 4-Chloroaniline	8.151	127	137861	15.528	ng		97
34) Hexachlorobutadiene	8.192	225	203515	50.499	ng		100
35) Caprolactam	8.528	113	101588	52.071	ng	#	58
36) 4-Chloro-3-methylphenol	8.645	107	358459	52.962	ng		98
37) 2-Methylnaphthalene	8.775	142	662540	44.713	ng		99
38) 1-Methylnaphthalene	8.875	142	614408	42.665	ng		100
40) 1,2,4,5-Tetrachloroben...	8.945	216	286283	58.747	ng		98
41) Hexachlorocyclopentadiene	8.922	237	177664	98.487	ng		99
43) 2,4,6-Trichlorophenol	9.069	196	174291	55.047	ng		96

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.128	196	177242	52.032	ng	#	71
46)	1,1'-Biphenyl	9.245	154	751670	56.471	ng		99
47)	2-Chloronaphthalene	9.275	162	569320	54.057	ng		98
48)	2-Nitroaniline	9.381	65	205445	61.727	ng		91
49)	Acenaphthylene	9.698	152	823717	51.577	ng	#	92
50)	Dimethylphthalate	9.551	163	656101	52.236	ng	#	94
51)	2,6-Dinitrotoluene	9.622	165	150224	55.136	ng		90
52)	Acenaphthene	9.875	154	430643	44.445	ng		95
53)	3-Nitroaniline	9.792	138	116486	38.660	ng	#	89
54)	2,4-Dinitrophenol	9.933	184	98718	80.128	ng	#	84
55)	Dibenzofuran	10.045	168	666936	45.816	ng		89
56)	4-Nitrophenol	9.986	139	144219	107.588	ng	#	11
57)	2,4-Dinitrotoluene	10.045	165	211356	59.757	ng	#	71
58)	Fluorene	10.416	166	499233	41.074	ng	#	71
59)	2,3,4,6-Tetrachlorophenol	10.192	232	86275	34.512	ng	#	1
60)	Diethylphthalate	10.269	149	565272	45.135	ng	#	81
61)	4-Chlorophenyl-phenyle...	10.404	204	209896	38.481	ng	#	48
62)	4-Nitroaniline	10.422	138	82374	27.099	ng		79
63)	Azobenzene	10.569	77	369721m	30.885	ng		
65)	4,6-Dinitro-2-methylph...	10.475	198	48460	48.879	ng	#	1
66)	n-Nitrosodiphenylamine	10.516	169	427506	75.000	ng		97
67)	4-Bromophenyl-phenylether	10.904	248	117966m	59.638	ng		
68)	Hexachlorobenzene	10.998	284	137122	63.996	ng	#	30
69)	Atrazine	11.063	200	192814m	110.211	ng		
70)	Pentachlorophenol	11.192	266	52297	81.333	ng		92
71)	Phenanthrene	11.410	178	470524	49.886	ng	#	75
72)	Anthracene	11.463	178	476193m	50.769	ng		
73)	Carbazole	11.604	167	430188	50.524	ng	#	73
74)	Di-n-butylphthalate	11.922	149	530523m	48.413	ng		
75)	Fluoranthene	12.598	202	590689	61.201	ng		91
77)	Benzidine	12.692	184	141869	24.938	ng	#	24
78)	Pyrene	12.827	202	613735	32.650	ng	#	95
80)	Butylbenzylphthalate	13.398	149	298985	37.589	ng		88
81)	Benzo(a)anthracene	13.986	228	723798	48.642	ng		99
82)	3,3'-Dichlorobenzidine	13.933	252	98193	21.307	ng	#	94
83)	Chrysene	14.021	228	685339	49.202	ng		98
84)	Bis(2-ethylhexyl)phtha...	13.939	149	507435	53.773	ng	#	98
85)	Di-n-octyl phthalate	14.533	149	875465	67.205	ng	#	51
87)	Indeno(1,2,3-cd)pyrene	16.880	276	942438	56.005	ng		98
88)	Benzo(b)fluoranthene	15.010	252	821754	48.959	ng		98
89)	Benzo(k)fluoranthene	15.033	252	744853	46.274	ng		96
90)	Benzo(a)pyrene	15.368	252	700985	53.034	ng		100
91)	Dibenzo(a,h)anthracene	16.880	278	819527	59.024	ng		100
92)	Benzo(g,h,i)perylene	17.315	276	828750	59.828	ng		98

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

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