Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082322\
Data File : BF129952.D
Acq On : 23 Aug 2022 14:15
Operator : CG\JU
Sample : N4258-01MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Aug 24 01:52:12 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-21153MS

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	112890	20.000	ng		0.00
21) Naphthalene-d8	8.063	136	413362	20.000	ng		0.00
39) Acenaphthene-d10	9.833	164	170193	20.000	ng		0.02
64) Phenanthrene-d10	11.375	188	164040	20.000	ng	#	0.07
76) Chrysene-d12	13.992	240	218082	20.000	ng	#	0.04
86) Perylene-d12	15.421	264	243129	20.000	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.422	112	978024	143.442	ng		0.01
7) Phenol-d6	6.440	99	1204727	141.096	ng		0.00
23) Nitrobenzene-d5	7.351	82	757070	98.043	ng		0.00
42) 2,4,6-Tribromophenol	10.663	330	212573	124.447	ng		0.05
45) 2-Fluorobiphenyl	9.139	172	1138435	101.594	ng		0.00
79) Terphenyl-d14	12.951	244	872643	66.581	ng		0.06
Target Compounds							Qvalue
2) 1,4-Dioxane	2.516	88	129766	46.132	ng		96
3) Pyridine	3.293	79	346772	47.107	ng		97
4) n-Nitrosodimethylamine	3.240	42	199594	58.833	ng		88
6) Aniline	6.451	93	220842	22.693	ng	#	10
8) 2-Chlorophenol	6.575	128	403710	53.187	ng		97
9) Benzaldehyde	6.334	77	228518	51.992	ng		98
10) Phenol	6.451	94	486545	51.949	ng		84
11) bis(2-Chloroethyl)ether	6.516	93	389583	54.777	ng		97
12) 1,3-Dichlorobenzene	6.716	146	422693	51.584	ng		99
13) 1,4-Dichlorobenzene	6.792	146	422172	50.422	ng		99
14) 1,2-Dichlorobenzene	6.945	146	398572	51.255	ng		98
15) Benzyl Alcohol	6.934	79	352543	54.693	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.051	45	511990	53.723	ng		97
17) 2-Methylphenol	7.051	107	323300	53.047	ng		96
18) Hexachloroethane	7.281	117	163494	51.999	ng		99
19) n-Nitroso-di-n-propyla...	7.198	70	289793	53.695	ng		97
20) 3+4-Methylphenols	7.210	107	419565	51.285	ng		98
22) Acetophenone	7.198	105	581891	57.766	ng		98
24) Nitrobenzene	7.369	77	426552	54.782	ng		93
25) Isophorone	7.604	82	752907	56.650	ng		97
26) 2-Nitrophenol	7.687	139	203490	53.131	ng		96
27) 2,4-Dimethylphenol	7.734	122	329839	60.051	ng		98
28) bis(2-Chloroethoxy)met...	7.810	93	457733	58.986	ng		99
29) 2,4-Dichlorophenol	7.939	162	317525	52.868	ng		99
30) 1,2,4-Trichlorobenzene	8.004	180	310035	48.932	ng		99
31) Naphthalene	8.087	128	1047740	48.477	ng		100
32) Benzoic acid	7.892	122	166227	61.577	ng	#	79
33) 4-Chloroaniline	8.151	127	131043	15.418	ng		96
34) Hexachlorobutadiene	8.192	225	195617	50.704	ng		99
35) Caprolactam	8.528	113	96983	51.927	ng	#	58
36) 4-Chloro-3-methylphenol	8.645	107	338532	52.248	ng		99
37) 2-Methylnaphthalene	8.775	142	622796	43.904	ng		99
38) 1-Methylnaphthalene	8.875	142	590714	42.849	ng		99
40) 1,2,4,5-Tetrachloroben...	8.945	216	269317	56.895	ng	#	98
41) Hexachlorocyclopentadiene	8.922	237	172935	98.610	ng		99
43) 2,4,6-Trichlorophenol	9.069	196	165337	53.758	ng		99

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44)	2,4,5-Trichlorophenol	9.128	196	166725	50.387	ng	#	70
46)	1,1'-Biphenyl	9.245	154	719577	55.654	ng		99
47)	2-Chloronaphthalene	9.275	162	540317	52.816	ng		99
48)	2-Nitroaniline	9.381	65	197603	61.122	ng		93
49)	Acenaphthylene	9.698	152	777346	50.109	ng	#	91
50)	Dimethylphthalate	9.551	163	631165	51.733	ng	#	95
51)	2,6-Dinitrotoluene	9.622	165	137347	51.896	ng	#	84
52)	Acenaphthene	9.869	154	419453	44.566	ng		93
53)	3-Nitroaniline	9.792	138	102215	34.924	ng	#	88
54)	2,4-Dinitrophenol	9.928	184	86979	73.190	ng		88
55)	Dibenzofuran	10.051	168	630862	44.616	ng	#	87
56)	4-Nitrophenol	9.986	139	135702	104.219	ng	#	19
57)	2,4-Dinitrotoluene	10.045	165	206467	60.096	ng	#	73
58)	Fluorene	10.416	166	426262	36.104	ng	#	75
59)	2,3,4,6-Tetrachlorophenol	10.186	232	85750	35.313	ng	#	1
60)	Diethylphthalate	10.269	149	568781	46.754	ng	#	82
61)	4-Chlorophenyl-phenyle...	10.398	204	203024	38.319	ng	#	52
62)	4-Nitroaniline	10.416	138	73581	24.920	ng	#	78
63)	Azobenzene	10.563	77	354882	30.519	ng	#	71
65)	4,6-Dinitro-2-methylph...	10.475	198	45924	47.688	ng	#	1
66)	n-Nitrosodiphenylamine	10.516	169	383804	69.320	ng		96
67)	4-Bromophenyl-phenylether	10.898	248	116053	60.402	ng	#	63
68)	Hexachlorobenzene	10.992	284	134893	64.813	ng	#	50
69)	Atrazine	11.063	200	217630m	128.067	ng		
70)	Pentachlorophenol	11.186	266	51542	82.448	ng		95
71)	Phenanthrene	11.404	178	459907	50.199	ng	#	78
72)	Anthracene	11.457	178	461400	50.643	ng	#	80
73)	Carbazole	11.598	167	426120	51.524	ng	#	75
74)	Di-n-butylphthalate	11.916	149	532387	50.017	ng	#	81
75)	Fluoranthene	12.604	202	578835	61.743	ng		90
77)	Benzidine	12.698	184	146011	25.584	ng	#	24
78)	Pyrene	12.827	202	607991	32.082	ng	#	95
80)	Butylbenzylphthalate	13.398	149	300420	37.463	ng		87
81)	Benzo(a)anthracene	13.986	228	744306	49.614	ng		100
82)	3,3'-Dichlorobenzidine	13.933	252	101807	21.912	ng	#	92
83)	Chrysene	14.021	228	678510	48.317	ng		98
84)	Bis(2-ethylhexyl)phtha...	13.933	149	498093	52.355	ng		98
85)	Di-n-octyl phthalate	14.533	149	887227	67.555	ng	#	58
87)	Indeno(1,2,3-cd)pyrene	16.880	276	933049	55.901	ng		98
88)	Benzo(b)fluoranthene	15.010	252	820949	49.311	ng		99
89)	Benzo(k)fluoranthene	15.033	252	741750	46.458	ng		98
90)	Benzo(a)pyrene	15.368	252	703280	53.643	ng		99
91)	Dibenzo(a,h)anthracene	16.880	278	811811	58.946	ng		99
92)	Benzo(g,h,i)perylene	17.315	276	828499	60.299	ng		98

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

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