Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110922\
Data File : BF131083.D
Acq On : 09 Nov 2022 13:08
Operator : CG\JU
Sample : SSTDICC020
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 09 15:04:36 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 09 14:59:42 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 11/10/2022
Supervised By :Jagrut Upadhyay 11/10/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.892	152	69576	20.000	ng		0.00
21) Naphthalene-d8	8.180	136	253032	20.000	ng		0.00
39) Acenaphthene-d10	9.939	164	131536	20.000	ng		0.00
64) Phenanthrene-d10	11.427	188	244229	20.000	ng		0.00
76) Chrysene-d12	14.074	240	193476	20.000	ng		0.00
86) Perylene-d12	15.568	264	124021	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.504	112	175628	40.704	ng		0.00
7) Phenol-d6	6.516	99	225380	42.795	ng		0.00
23) Nitrobenzene-d5	7.457	82	231999	42.500	ng		0.00
42) 2,4,6-Tribromophenol	10.727	330	57344	39.597	ng		0.00
45) 2-Fluorobiphenyl	9.251	172	403099	41.764	ng		0.00
79) Terphenyl-d14	13.015	244	426491	35.342	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.669	88	48578	23.681	ng		98
3) Pyridine	3.440	79	140592	24.656	ng		99
4) n-Nitrosodimethylamine	3.393	42	80447	25.089	ng		99
6) Aniline	6.557	93	141747	21.642	ng		98
8) 2-Chlorophenol	6.675	128	101389	21.123	ng		97
9) Benzaldehyde	6.445	77	80683	26.522	ng		97
10) Phenol	6.528	94	132786	21.516	ng		97
11) bis(2-Chloroethyl)ether	6.628	93	92521	20.667	ng		100
12) 1,3-Dichlorobenzene	6.833	146	112034	21.209	ng		97
13) 1,4-Dichlorobenzene	6.910	146	113624	20.655	ng		99
14) 1,2-Dichlorobenzene	7.063	146	106748	19.853	ng		97
15) Benzyl Alcohol	7.033	79	89220	19.395	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.163	45	158182	20.319	ng		100
17) 2-Methylphenol	7.139	107	84737	21.101	ng		99
18) Hexachloroethane	7.404	117	41892	20.101	ng		94
19) n-Nitroso-di-n-propyla...	7.298	70	73129	19.485	ng		96
20) 3+4-Methylphenols	7.292	107	105511	20.316	ng		97
22) Acetophenone	7.304	105	138021	20.488	ng	#	97
24) Nitrobenzene	7.475	77	116745	20.852	ng		100
25) Isophorone	7.716	82	181000	19.345	ng		96
26) 2-Nitrophenol	7.792	139	50051	20.991	ng		95
27) 2,4-Dimethylphenol	7.828	122	77696m	21.089	ng		
28) bis(2-Chloroethoxy)met...	7.922	93	102064	19.751	ng		98
29) 2,4-Dichlorophenol	8.033	162	83146	20.955	ng		99
30) 1,2,4-Trichlorobenzene	8.116	180	91037	21.042	ng		97
31) Naphthalene	8.198	128	291915	21.109	ng		99
32) Benzoic acid	7.928	122	40514	16.143	ng		95
33) 4-Chloroaniline	8.251	127	114122	21.103	ng		95
34) Hexachlorobutadiene	8.310	225	61639	21.823	ng		100
35) Caprolactam	8.610	113	24449m	20.083	ng		
36) 4-Chloro-3-methylphenol	8.727	107	90559	21.146	ng		99
37) 2-Methylnaphthalene	8.892	142	184095	20.925	ng		97
38) 1-Methylnaphthalene	8.992	142	176902	21.058	ng		99
40) 1,2,4,5-Tetrachloroben...	9.057	216	91725	21.634	ng		99
41) Hexachlorocyclopentadiene	9.039	237	31724	16.233	ng		99
43) 2,4,6-Trichlorophenol	9.169	196	59493	21.040	ng		96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	65809	20.755	ng	97
46) 1,1'-Biphenyl	9.357	154	215405	21.025	ng	99
47) 2-Chloronaphthalene	9.380	162	174557	21.016	ng	99
48) 2-Nitroaniline	9.480	65	64299	21.063	ng	91
49) Acenaphthylene	9.798	152	270756	21.212	ng	99
50) Dimethylphthalate	9.651	163	196911	19.371	ng	99
51) 2,6-Dinitrotoluene	9.722	165	43648	20.184	ng	85
52) Acenaphthene	9.969	154	159616	20.422	ng	99
53) 3-Nitroaniline	9.892	138	49280	21.114	ng	99
54) 2,4-Dinitrophenol	9.998	184	19415	17.830	ng	92
55) Dibenzofuran	10.145	168	238875	20.100	ng	97
56) 4-Nitrophenol	10.045	139	32776	19.896	ng	96
57) 2,4-Dinitrotoluene	10.121	165	58046	20.661	ng	98
58) Fluorene	10.486	166	194554	20.585	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	51803	20.055	ng	95
60) Diethylphthalate	10.351	149	193836	18.297	ng	98
61) 4-Chlorophenyl-phenyle...	10.474	204	90006	19.227	ng	91
62) 4-Nitroaniline	10.504	138	49815	20.821	ng	99
63) Azobenzene	10.639	77	202677	19.683	ng	96
65) 4,6-Dinitro-2-methylph...	10.533	198	32059	20.686	ng	99
66) n-Nitrosodiphenylamine	10.598	169	169914	19.689	ng	98
67) 4-Bromophenyl-phenylether	10.969	248	56602	18.445	ng	93
68) Hexachlorobenzene	11.033	284	64867	19.488	ng	94
69) Atrazine	11.121	200	53124	21.640	ng	97
70) Pentachlorophenol	11.233	266	23487	16.263	ng	97
71) Phenanthrene	11.451	178	287564	20.904	ng	99
72) Anthracene	11.504	178	279437	20.695	ng	99
73) Carbazole	11.663	167	250674	21.698	ng	99
74) Di-n-butylphthalate	11.986	149	285682	18.462	ng	99
75) Fluoranthene	12.645	202	310392	21.257	ng	98
77) Benzidine	12.768	184	117253	22.467	ng	98
78) Pyrene	12.874	202	317091	17.996	ng	99
80) Butylbenzylphthalate	13.486	149	118471	17.066	ng	92
81) Benzo(a)anthracene	14.062	228	283758	20.199	ng	99
82) 3,3'-Dichlorobenzidine	14.027	252	86442	22.644	ng	98
83) Chrysene	14.104	228	272030	20.391	ng	100
84) Bis(2-ethylhexyl)phtha...	14.045	149	133396	16.773	ng	100
85) Di-n-octyl phthalate	14.662	149	170531	15.047	ng	98
87) Indeno(1,2,3-cd)pyrene	17.074	276	167448	18.276	ng	99
88) Benzo(b)fluoranthene	15.127	252	184752	20.499	ng	98
89) Benzo(k)fluoranthene	15.156	252	186268	21.213	ng	99
90) Benzo(a)pyrene	15.504	252	145792	20.347	ng	97
91) Dibenzo(a,h)anthracene	17.092	278	135856	18.062	ng	97
92) Benzo(g,h,i)perylene	17.533	276	142214	18.661	ng	99

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

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