Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042222\
Data File : BF127858.D
Acq On : 22 Apr 2022 18:38
Operator : CG\JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Apr 23 23:34:59 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Apr 23 23:32:42 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.940	152	164961	20.000	ng		0.00
21) Naphthalene-d8	8.222	136	630921	20.000	ng		0.00
39) Acenaphthene-d10	9.981	164	361531	20.000	ng		0.00
64) Phenanthrene-d10	11.475	188	659010	20.000	ng		0.00
76) Chrysene-d12	14.121	240	519692	20.000	ng		0.00
86) Perylene-d12	15.633	264	435365	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.551	112	126257	11.991	ng		-0.01
7) Phenol-d6	6.551	99	160932	12.239	ng		-0.02
23) Nitrobenzene-d5	7.498	82	148604	10.923	ng		-0.01
42) 2,4,6-Tribromophenol	10.769	330	41112	9.335	ng		-0.01
45) 2-Fluorobiphenyl	0.000	172	0d	0.000	ng		
79) Terphenyl-d14	13.057	244	344857	10.416	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.781	88	27588	5.659	ng		98
3) Pyridine	3.563	79	66819m	4.800	ng		
4) n-Nitrosodimethylamine	3.499	42	31929	4.283	ng		99
6) Aniline	6.598	93	85150m	5.569	ng		
8) 2-Chlorophenol	6.722	128	64369	6.025	ng		96
9) Benzaldehyde	6.493	77	51236	6.818	ng		96
10) Phenol	6.569	94	80342	6.092	ng		93
11) bis(2-Chloroethyl)ether	6.669	93	65966	6.084	ng		99
12) 1,3-Dichlorobenzene	6.881	146	74982	5.904	ng		99
13) 1,4-Dichlorobenzene	6.957	146	74245	6.101	ng		99
14) 1,2-Dichlorobenzene	7.110	146	72644	6.274	ng		97
15) Benzyl Alcohol	7.075	79	45589	3.983	ng		95
16) 2,2'-oxybis(1-Chloropr...	7.210	45	101470	6.507	ng		98
17) 2-Methylphenol	7.181	107	55879	6.241	ng		97
18) Hexachloroethane	7.451	117	26641	5.322	ng		92
19) n-Nitroso-di-n-propyla...	7.340	70	48029	5.321	ng		99
20) 3+4-Methylphenols	7.334	107	69836	5.887	ng	#	86
22) Acetophenone	7.345	105	93772	6.188	ng	#	96
24) Nitrobenzene	7.516	77	72734	5.739	ng		98
25) Isophorone	7.757	82	122721	5.361	ng		98
26) 2-Nitrophenol	7.839	139	25696	4.646	ng		88
27) 2,4-Dimethylphenol	7.863	122	48248	5.522	ng		99
28) bis(2-Chloroethoxy)met...	7.963	93	83888	6.141	ng		98
29) 2,4-Dichlorophenol	8.075	162	52767	5.150	ng		99
30) 1,2,4-Trichlorobenzene	8.163	180	63601	5.262	ng		96
31) Naphthalene	8.245	128	191008	5.845	ng		98
32) Benzoic acid	7.922	122	25063m	4.009	ng		
33) 4-Chloroaniline	8.292	127	72018	5.553	ng		98
34) Hexachlorobutadiene	8.357	225	39167	4.379	ng		97
35) Caprolactam	8.628	113	15170	4.714	ng		98
36) 4-Chloro-3-methylphenol	8.763	107	55477	4.624	ng		93
37) 2-Methylnaphthalene	8.934	142	127175	5.402	ng		99
38) 1-Methylnaphthalene	9.034	142	125886	5.528	ng		97
40) 1,2,4,5-Tetrachloroben...	9.098	216	64931	4.961	ng		99
41) Hexachlorocyclopentadiene	9.086	237	27027	3.389	ng		97
43) 2,4,6-Trichlorophenol	9.210	196	38395	4.384	ng		98

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.251	196	41707	4.499	ng		92
46)	1,1'-Biphenyl	9.398	154	160712	5.539	ng		98
47)	2-Chloronaphthalene	9.428	162	122547	5.232	ng		94
48)	2-Nitroaniline	9.522	65	33590	4.135	ng		95
49)	Acenaphthylene	9.845	152	186446	5.561	ng		97
50)	Dimethylphthalate	9.692	163	136423	5.028	ng		100
51)	2,6-Dinitrotoluene	9.757	165	27253	5.047	ng		97
52)	Acenaphthene	10.016	154	121884	5.654	ng		100
53)	3-Nitroaniline	9.928	138	30202	5.423	ng	#	93
55)	Dibenzofuran	10.186	168	184420	6.124	ng		97
56)	4-Nitrophenol	10.081	139	21028	5.111	ng		87
57)	2,4-Dinitrotoluene	10.163	165	35804	5.296	ng		97
58)	Fluorene	10.528	166	141636	6.165	ng		98
59)	2,3,4,6-Tetrachlorophenol	10.304	232	33780	4.717	ng		96
60)	Diethylphthalate	10.392	149	136911	5.519	ng		99
61)	4-Chlorophenyl-phenyle...	10.522	204	70355	5.518	ng		97
62)	4-Nitroaniline	10.539	138	29484m	5.932	ng		
63)	Azobenzene	10.680	77	152362	5.860	ng		97
65)	4,6-Dinitro-2-methylph...	10.569	198	14677	3.485	ng		98
66)	n-Nitrosodiphenylamine	10.639	169	121348	5.637	ng		98
67)	4-Bromophenyl-phenylether	11.016	248	42543	4.763	ng	#	88
68)	Hexachlorobenzene	11.075	284	45173	4.720	ng		99
69)	Atrazine	11.163	200	38282	5.525	ng		97
70)	Pentachlorophenol	11.275	266	19609m	3.806	ng		
71)	Phenanthrene	11.498	178	212136	6.022	ng		99
72)	Anthracene	11.545	178	207387	5.827	ng		99
73)	Carbazole	11.704	167	200171	6.179	ng		97
74)	Di-n-butylphthalate	12.027	149	216570	5.540	ng		99
75)	Fluoranthene	12.686	202	225140	5.704	ng		99
78)	Pyrene	12.922	202	228153	5.186	ng		97
80)	Butylbenzylphthalate	13.533	149	78068	4.539	ng		93
81)	Benzo(a)anthracene	14.110	228	195152	5.497	ng		98
82)	3,3'-Dichlorobenzidine	14.068	252	60071	5.358	ng		98
83)	Chrysene	14.145	228	190131	5.744	ng		98
84)	Bis(2-ethylhexyl)phtha...	14.086	149	112873	5.028	ng		100
85)	Di-n-octyl phthalate	14.710	149	170342	5.038	ng		99
87)	Indeno(1,2,3-cd)pyrene	17.168	276	134475	4.714	ng		98
88)	Benzo(b)fluoranthene	15.180	252	147588	5.167	ng		99
89)	Benzo(k)fluoranthene	15.210	252	160007	5.772	ng		98
90)	Benzo(a)pyrene	15.563	252	122031	5.296	ng		98
91)	Dibenzo(a,h)anthracene	17.192	278	109980	4.719	ng		98
92)	Benzo(g,h,i)perylene	17.633	276	110160	4.654	ng		98

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

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