Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102022\
Data File : BF130729.D
Acq On : 20 Oct 2022 16:11
Operator : CG\JU
Sample : SSTDICC020
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 21 04:59:10 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 21 04:55:36 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 10/21/2022
Supervised By :Jagrut Upadhyay 10/21/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.563	152	85741	20.000	ng		0.00
21) Naphthalene-d8	7.845	136	389391	20.000	ng		0.00
39) Acenaphthene-d10	9.592	164	169640	20.000	ng		0.00
64) Phenanthrene-d10	11.074	188	304112	20.000	ng		0.00
76) Chrysene-d12	13.704	240	227034	20.000	ng		0.00
86) Perylene-d12	15.080	264	166252	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.169	112	230503	48.459	ng		0.00
7) Phenol-d6	6.216	99	244437	40.873	ng		0.00
23) Nitrobenzene-d5	7.134	82	266500	37.362	ng		0.00
42) 2,4,6-Tribromophenol	10.386	330	70024	42.185	ng		0.00
45) 2-Fluorobiphenyl	8.922	172	463945	41.427	ng		0.00
79) Terphenyl-d14	12.651	244	522344	38.186	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.122	88	60709	21.096	ng		98
3) Pyridine	2.793	79	122308	23.760	ng		97
4) n-Nitrosodimethylamine	2.746	42	53398	22.016	ng		99
6) Aniline	6.228	93	147143	20.551	ng		93
8) 2-Chlorophenol	6.351	128	118220	21.134	ng		97
9) Benzaldehyde	6.122	77	76354	20.321	ng		97
10) Phenol	6.234	94	137608	19.886	ng		82
11) bis(2-Chloroethyl)ether	6.304	93	101150	20.124	ng		98
12) 1,3-Dichlorobenzene	6.498	146	130430	21.295	ng		98
13) 1,4-Dichlorobenzene	6.581	146	132416	21.311	ng		99
14) 1,2-Dichlorobenzene	6.734	146	139252	24.064	ng		99
15) Benzyl Alcohol	6.728	79	102983	23.985	ng		99
16) 2,2'-oxybis(1-Chloropr...	6.845	45	156866	24.257	ng		76
17) 2-Methylphenol	6.839	107	114229	25.671	ng		98
18) Hexachloroethane	7.063	117	59966	25.511	ng		89
19) n-Nitroso-di-n-propyla...	6.986	70	94991	24.619	ng		100
20) 3+4-Methylphenols	6.998	107	149763	25.117	ng		92
22) Acetophenone	6.986	105	194463	20.818	ng	#	96
24) Nitrobenzene	7.157	77	146392	20.408	ng		97
25) Isophorone	7.392	82	231896	19.534	ng		99
26) 2-Nitrophenol	7.475	139	73716	20.955	ng		98
27) 2,4-Dimethylphenol	7.522	122	104141	21.240	ng		96
28) bis(2-Chloroethoxy)met...	7.610	93	135836	19.761	ng		99
29) 2,4-Dichlorophenol	7.722	162	111935	20.405	ng		99
30) 1,2,4-Trichlorobenzene	7.792	180	108672	18.376	ng		98
31) Naphthalene	7.869	128	412681	20.474	ng		99
32) Benzoic acid	7.675	122	42692m	13.764	ng		
33) 4-Chloroaniline	7.933	127	165575	21.205	ng		99
34) Hexachlorobutadiene	7.981	225	73581	20.047	ng		98
35) Caprolactam	8.304	113	34681	21.013	ng		97
36) 4-Chloro-3-methylphenol	8.428	107	97253	16.344	ng		96
37) 2-Methylnaphthalene	8.557	142	217599	17.155	ng		98
38) 1-Methylnaphthalene	8.651	142	210868	17.124	ng		98
40) 1,2,4,5-Tetrachloroben...	8.722	216	95354	20.718	ng		99
43) 2,4,6-Trichlorophenol	8.845	196	59477	19.246	ng		94
44) 2,4,5-Trichlorophenol	8.898	196	61721	18.161	ng		99

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46)	1,1'-Biphenyl	9.022	154	254576	20.707	ng		98
47)	2-Chloronaphthalene	9.045	162	210956	20.995	ng		96
48)	2-Nitroaniline	9.157	65	62638	20.709	ng		96
49)	Acenaphthylene	9.457	152	313302	20.810	ng		99
50)	Dimethylphthalate	9.328	163	244793	20.846	ng		100
51)	2,6-Dinitrotoluene	9.398	165	54293	21.077	ng		98
52)	Acenaphthene	9.627	154	188838	20.703	ng		99
53)	3-Nitroaniline	9.569	138	59459	21.058	ng		99
54)	2,4-Dinitrophenol	9.704	184	12760	11.222	ng		94
55)	Dibenzofuran	9.798	168	294287	21.179	ng		96
56)	4-Nitrophenol	9.775	139	7888m	5.067	ng		
57)	2,4-Dinitrotoluene	9.804	165	73017	22.056	ng		93
58)	Fluorene	10.139	166	240544	21.056	ng		99
59)	2,3,4,6-Tetrachlorophenol	9.927	232	51790	19.115	ng		97
60)	Diethylphthalate	10.022	149	244130	20.836	ng		98
61)	4-Chlorophenyl-phenyle...	10.133	204	108630	21.033	ng		93
62)	4-Nitroaniline	10.180	138	59916	22.225	ng		98
63)	Azobenzene	10.292	77	221361	20.059	ng		97
65)	4,6-Dinitro-2-methylph...	10.216	198	36574	19.245	ng		96
66)	n-Nitrosodiphenylamine	10.257	169	204119	20.178	ng		100
67)	4-Bromophenyl-phenylether	10.622	248	71339	20.732	ng		97
68)	Hexachlorobenzene	10.680	284	80999	20.823	ng	#	89
69)	Atrazine	10.786	200	59657	21.657	ng		99
70)	Pentachlorophenol	10.904	266	11214	7.407	ng		97
71)	Phenanthrene	11.098	178	351402	20.856	ng		99
72)	Anthracene	11.151	178	339957	20.659	ng		99
73)	Carbazole	11.316	167	313201	21.330	ng		99
74)	Di-n-butylphthalate	11.639	149	377445	21.221	ng		100
75)	Fluoranthene	12.280	202	364980	22.539	ng		98
77)	Benzidine	12.416	184	90036	15.690	ng		98
78)	Pyrene	12.504	202	371362	18.960	ng		99
80)	Butylbenzylphthalate	13.127	149	148189	19.676	ng		93
81)	Benzo(a)anthracene	13.692	228	304780	19.923	ng		99
82)	3,3'-Dichlorobenzidine	13.663	252	92050	20.823	ng		99
83)	Chrysene	13.733	228	289368	19.950	ng		99
84)	Bis(2-ethylhexyl)phtha...	13.686	149	182173	19.952	ng		99
85)	Di-n-octyl phthalate	14.298	149	236984	16.947	ng		100
87)	Indeno(1,2,3-cd)pyrene	16.368	276	241599	19.416	ng		99
88)	Benzo(b)fluoranthene	14.698	252	229217	21.773	ng		99
89)	Benzo(k)fluoranthene	14.727	252	223514	20.852	ng		100
90)	Benzo(a)pyrene	15.027	252	179209	20.453	ng		98
91)	Dibenzo(a,h)anthracene	16.374	278	196014	19.218	ng		98
92)	Benzo(g,h,i)perylene	16.756	276	202661	21.333	ng		99

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

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