Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111022\
Data File : BF131115.D
Acq On : 10 Nov 2022 10:42
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Reviewed By :Christian Giraldo 11/11/2022
Supervised By :Jagrut Upadhyay 11/11/2022

Quant Time: Nov 11 00:45:20 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 10 04:15:17 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.892	152	61325	20.000	ng		0.00
21) Naphthalene-d8	8.175	136	210894	20.000	ng		0.00
39) Acenaphthene-d10	9.939	164	104329	20.000	ng		0.00
64) Phenanthrene-d10	11.427	188	211341	20.000	ng		0.00
76) Chrysene-d12	14.080	240	139179	20.000	ng		0.00
86) Perylene-d12	15.574	264	98331	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.504	112	274601	76.150	ng		0.00
7) Phenol-d6	6.522	99	448965	95.232	ng		0.00
23) Nitrobenzene-d5	7.463	82	375553	80.346	ng		0.00
42) 2,4,6-Tribromophenol	10.733	330	95374	88.456	ng		0.00
45) 2-Fluorobiphenyl	9.257	172	768981	102.894	ng		0.00
79) Terphenyl-d14	13.021	244	677648	85.367	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.669	88	89432	50.384	ng		98
3) Pyridine	3.434	79	227844	46.749	ng		98
4) n-Nitrosodimethylamine	3.410	42	133260	47.398	ng		99
6) Aniline	6.557	93	277238	47.904	ng		98
8) 2-Chlorophenol	6.675	128	189495	45.678	ng		95
9) Benzaldehyde	6.445	77	149680	48.790	ng		93
10) Phenol	6.534	94	265414	48.160	ng		99
11) bis(2-Chloroethyl)ether	6.628	93	184211	46.720	ng		99
12) 1,3-Dichlorobenzene	6.834	146	185554	40.221	ng		97
13) 1,4-Dichlorobenzene	6.910	146	178881	38.171	ng		97
14) 1,2-Dichlorobenzene	7.063	146	172499	39.738	ng		95
15) Benzyl Alcohol	7.034	79	163089	45.231	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.163	45	311011	47.043	ng		98
17) 2-Methylphenol	7.145	107	142052	40.941	ng		97
18) Hexachloroethane	7.404	117	69181	39.591	ng		93
19) n-Nitroso-di-n-propyla...	7.304	70	119981	38.761	ng		96
20) 3+4-Methylphenols	7.298	107	169844	39.179	ng	#	83
22) Acetophenone	7.304	105	224524	42.542	ng	#	93
24) Nitrobenzene	7.481	77	222936	49.237	ng		97
25) Isophorone	7.716	82	343208	47.488	ng		99
26) 2-Nitrophenol	7.792	139	79418	39.530	ng		91
27) 2,4-Dimethylphenol	7.828	122	124502m	40.410	ng		
28) bis(2-Chloroethoxy)met...	7.922	93	164099	40.065	ng		97
29) 2,4-Dichlorophenol	8.034	162	137127	41.631	ng		96
30) 1,2,4-Trichlorobenzene	8.116	180	141917	39.954	ng		99
31) Naphthalene	8.198	128	477173	41.409	ng		100
32) Benzoic acid	7.951	122	71747	34.957	ng		96
33) 4-Chloroaniline	8.251	127	183967	39.814	ng		97
34) Hexachlorobutadiene	8.310	225	98004	40.380	ng		98
35) Caprolactam	8.628	113	39603	39.220	ng		95
36) 4-Chloro-3-methylphenol	8.728	107	151201	41.481	ng		96
37) 2-Methylnaphthalene	8.892	142	363665	48.958	ng		98
38) 1-Methylnaphthalene	8.992	142	348763	47.943	ng		97
40) 1,2,4,5-Tetrachloroben...	9.057	216	179155	52.587	ng		99
41) Hexachlorocyclopentadiene	9.039	237	60140	45.243	ng		100
43) 2,4,6-Trichlorophenol	9.169	196	119875	53.617	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	130625	52.220	ng		98
46) 1,1'-Biphenyl	9.357	154	409799	50.802	ng		99
47) 2-Chloronaphthalene	9.381	162	335937	51.321	ng		98
48) 2-Nitroaniline	9.480	65	110181	46.249	ng		97
49) Acenaphthylene	9.798	152	392180	39.209	ng		99
50) Dimethylphthalate	9.657	163	304405	41.018	ng		100
51) 2,6-Dinitrotoluene	9.722	165	65215	39.986	ng		94
52) Acenaphthene	9.975	154	237289	39.771	ng		100
53) 3-Nitroaniline	9.898	138	74473	39.940	ng		99
54) 2,4-Dinitrophenol	10.004	184	30418	35.533	ng		91
55) Dibenzofuran	10.145	168	346807	39.250	ng		100
56) 4-Nitrophenol	10.057	139	45983	37.052	ng		97
57) 2,4-Dinitrotoluene	10.128	165	89088	41.092	ng		97
58) Fluorene	10.486	166	319629	44.539	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	81665	42.457	ng		96
60) Diethylphthalate	10.357	149	317910	44.480	ng		99
61) 4-Chlorophenyl-phenyle...	10.480	204	146494	43.864	ng		99
62) 4-Nitroaniline	10.516	138	84324	44.750	ng		96
63) Azobenzene	10.639	77	329899	44.099	ng		98
65) 4,6-Dinitro-2-methylph...	10.539	198	55471	40.823	ng		88
66) n-Nitrosodiphenylamine	10.598	169	281722	39.651	ng		99
67) 4-Bromophenyl-phenylether	10.969	248	92878	38.865	ng		100
68) Hexachlorobenzene	11.033	284	102993	38.671	ng		99
69) Atrazine	11.127	200	84921	38.610	ng		99
70) Pentachlorophenol	11.233	266	41364	33.880	ng		99
71) Phenanthrene	11.457	178	460339	39.604	ng		99
72) Anthracene	11.510	178	455252	40.355	ng		99
73) Carbazole	11.663	167	409434	40.812	ng		99
74) Di-n-butylphthalate	11.986	149	468712	41.424	ng		100
75) Fluoranthene	12.651	202	492440	42.324	ng		98
77) Benzidine	12.769	184	166237	40.486	ng		99
78) Pyrene	12.880	202	503324	42.151	ng		99
80) Butylbenzylphthalate	13.492	149	182752	42.747	ng		93
81) Benzo(a)anthracene	14.068	228	394487	39.655	ng		99
82) 3,3'-Dichlorobenzidine	14.033	252	111505	39.271	ng		100
83) Chrysene	14.110	228	374338	39.844	ng		99
84) Bis(2-ethylhexyl)phtha...	14.045	149	191240	41.439	ng	#	98
85) Di-n-octyl phthalate	14.663	149	241992	41.349	ng		100
87) Indeno(1,2,3-cd)pyrene	17.104	276	308750	39.150	ng		99
88) Benzo(b)fluoranthene	15.139	252	266146	38.283	ng		98
89) Benzo(k)fluoranthene	15.168	252	259286	38.803	ng		98
90) Benzo(a)pyrene	15.515	252	217734	39.065	ng		99
91) Dibenzo(a,h)anthracene	17.121	278	248799	38.948	ng		100
92) Benzo(g,h,i)perylene	17.568	276	257477	38.213	ng		99

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

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