Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010523\
Data File : BF131914.D
Acq On : 05 Jan 2023 14:35
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 06 03:09:43 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 06 03:02:38 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo

01/06/2023
Supervised By :Jagrut Upadhyay

01/06/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	65854	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	233207	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	139339	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	277344	20.000	ng	0.00
76) Chrysene-d12	14.009	240	169540	20.000	ng	0.00
86) Perylene-d12	15.480	264	135025	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	322752	81.221	ng	0.00
7) Phenol-d6	6.439	99	422995	81.021	ng	0.00
23) Nitrobenzene-d5	7.381	82	451104	77.230	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	115302	76.161	ng	0.00
45) 2-Fluorobiphenyl	9.180	172	779652	76.641	ng	0.00
79) Terphenyl-d14	12.945	244	906989	90.491	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.481	88	76217	41.361	ng	100
3) Pyridine	3.210	79	215288	41.558	ng	97
4) n-Nitrosodimethylamine	3.181	42	101472	41.658	ng	95
6) Aniline	6.469	93	256028	40.436	ng	97
8) 2-Chlorophenol	6.586	128	166734	39.826	ng	91
9) Benzaldehyde	6.357	77	130267	38.887	ng	99
10) Phenol	6.451	94	252840	40.668	ng	96
11) bis(2-Chloroethyl)ether	6.545	93	171929	38.671	ng	100
12) 1,3-Dichlorobenzene	6.745	146	188028	39.301	ng	98
13) 1,4-Dichlorobenzene	6.822	146	191520	39.721	ng	97
14) 1,2-Dichlorobenzene	6.975	146	181119	39.977	ng	98
15) Benzyl Alcohol	6.951	79	187778	41.015	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.081	45	219059	38.610	ng	98
17) 2-Methylphenol	7.063	107	153842	40.195	ng	99
18) Hexachloroethane	7.316	117	77051	39.575	ng	94
19) n-Nitroso-di-n-propyla...	7.228	70	143746	38.985	ng	99
20) 3+4-Methylphenols	7.222	107	199652	39.979	ng	98
22) Acetophenone	7.222	105	267556	39.134	ng	98
24) Nitrobenzene	7.398	77	232304	39.685	ng	100
25) Isophorone	7.633	82	373701	39.177	ng	98
26) 2-Nitrophenol	7.710	139	93320	41.002	ng	94
27) 2,4-Dimethylphenol	7.751	122	128283	39.514	ng	97
28) bis(2-Chloroethoxy)met...	7.845	93	195692	38.240	ng	99
29) 2,4-Dichlorophenol	7.957	162	155472	39.749	ng	99
30) 1,2,4-Trichlorobenzene	8.033	180	179754	38.762	ng	97
31) Naphthalene	8.116	128	499374	39.100	ng	99
32) Benzoic acid	7.880	122	89231m	37.604	ng	
33) 4-Chloroaniline	8.169	127	193780	39.543	ng	97
34) Hexachlorobutadiene	8.228	225	119842	37.772	ng	98
35) Caprolactam	8.551	113	45558	39.340	ng	95
36) 4-Chloro-3-methylphenol	8.657	107	177279	40.103	ng	98
37) 2-Methylnaphthalene	8.810	142	335867	39.183	ng	100
38) 1-Methylnaphthalene	8.910	142	326196	39.178	ng	99
40) 1,2,4,5-Tetrachloroben...	8.975	216	185736	37.963	ng	100
41) Hexachlorocyclopentadiene	8.957	237	68038	34.697	ng	94
43) 2,4,6-Trichlorophenol	9.092	196	118638	37.861	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.133	196	132590	39.144	ng		98
46) 1,1'-Biphenyl	9.280	154	409582	38.394	ng		98
47) 2-Chloronaphthalene	9.304	162	337860	38.282	ng		98
48) 2-Nitroaniline	9.404	65	127944	39.551	ng		94
49) Acenaphthylene	9.722	152	511165	38.897	ng		100
50) Dimethylphthalate	9.586	163	408915	38.791	ng		99
51) 2,6-Dinitrotoluene	9.651	165	89741	39.326	ng		97
52) Acenaphthene	9.892	154	307193	38.732	ng		98
53) 3-Nitroaniline	9.822	138	93118	40.048	ng		99
54) 2,4-Dinitrophenol	9.933	184	46636	35.513	ng	#	84
55) Dibenzofuran	10.069	168	475363	38.901	ng		98
56) 4-Nitrophenol	9.986	139	58402	35.855	ng		92
57) 2,4-Dinitrotoluene	10.057	165	124912	40.026	ng		96
58) Fluorene	10.410	166	389416	39.036	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.186	232	106418m	38.284	ng		
60) Diethylphthalate	10.286	149	393120	38.747	ng		99
61) 4-Chlorophenyl-phenyle...	10.404	204	199215	38.414	ng		95
62) 4-Nitroaniline	10.439	138	93947	38.769	ng		97
63) Azobenzene	10.563	77	433474	38.497	ng		96
65) 4,6-Dinitro-2-methylph...	10.469	198	73390	38.865	ng		99
66) n-Nitrosodiphenylamine	10.522	169	322325	38.099	ng		98
67) 4-Bromophenyl-phenylether	10.892	248	124055	38.593	ng		94
68) Hexachlorobenzene	10.957	284	136410	38.631	ng		95
69) Atrazine	11.057	200	111704	40.106	ng		95
70) Pentachlorophenol	11.157	266	57911	33.143	ng		96
71) Phenanthrene	11.374	178	583453	38.255	ng		100
72) Anthracene	11.427	178	566573	37.975	ng		99
73) Carbazole	11.586	167	496757	37.715	ng		99
74) Di-n-butylphthalate	11.916	149	589316	37.017	ng		99
75) Fluoranthene	12.568	202	654064	36.818	ng		99
77) Benzidine	12.692	184	102112	36.650	ng		99
78) Pyrene	12.804	202	661138	46.525	ng		99
80) Butylbenzylphthalate	13.421	149	222704	42.253	ng		97
81) Benzo(a)anthracene	13.998	228	499408	40.685	ng		98
82) 3,3'-Dichlorobenzidine	13.962	252	137182	38.665	ng		99
83) Chrysene	14.033	228	468280	40.597	ng		99
84) Bis(2-ethylhexyl)phtha...	13.980	149	250117	38.974	ng	#	98
85) Di-n-octyl phthalate	14.598	149	327044	37.856	ng		99
87) Indeno(1,2,3-cd)pyrene	16.956	276	384424	44.814	ng		100
88) Benzo(b)fluoranthene	15.051	252	356404	35.998	ng		99
89) Benzo(k)fluoranthene	15.080	252	362807	37.927	ng		97
90) Benzo(a)pyrene	15.421	252	290032	37.838	ng		98
91) Dibenzo(a,h)anthracene	16.974	278	320872	45.665	ng		98
92) Benzo(g,h,i)perylene	17.409	276	320263	39.570	ng		96

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

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