Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031722\
Data File : BF127367.D
Acq On : 17 Mar 2022 10:43
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 17 13:44:50 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 10 16:51:53 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/18/2022
Supervised By :Jagrut Upadhyay 03/18/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.869	152	115472	20.000	ng		0.00
21) Naphthalene-d8	8.151	136	391231	20.000	ng	#	0.00
39) Acenaphthene-d10	9.910	164	221619	20.000	ng		0.00
64) Phenanthrene-d10	11.404	188	377391	20.000	ng	#	0.00
76) Chrysene-d12	14.051	240	246927	20.000	ng	#	0.00
86) Perylene-d12	15.533	264	186516	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.492	112	531665	74.017	ng		0.00
7) Phenol-d6	6.510	99	724396	73.309	ng		0.00
23) Nitrobenzene-d5	7.439	82	704781	74.396	ng		0.00
42) 2,4,6-Tribromophenol	10.704	330	173533	72.738	ng		0.00
45) 2-Fluorobiphenyl	9.228	172	1155709	73.727	ng		0.00
79) Terphenyl-d14	12.986	244	1197336	83.496	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.693	88	132032	35.450	ng	#	83
3) Pyridine	3.451	79	337846	34.088	ng	#	74
4) n-Nitrosodimethylamine	3.434	42	188137	34.261	ng	#	63
6) Aniline	6.540	93	441615	37.396	ng		95
8) 2-Chlorophenol	6.657	128	274662	36.962	ng		93
9) Benzaldehyde	6.428	77	195180	36.584	ng		96
10) Phenol	6.522	94	401252	36.966	ng		78
11) bis(2-Chloroethyl)ether	6.610	93	299754	37.186	ng		91
12) 1,3-Dichlorobenzene	6.810	146	313090	37.535	ng		99
13) 1,4-Dichlorobenzene	6.887	146	314848	37.625	ng		99
14) 1,2-Dichlorobenzene	7.039	146	291149	36.968	ng		98
15) Benzyl Alcohol	7.016	79	253975	34.291	ng		91
16) 2,2'-oxybis(1-Chloropr...	7.139	45	554992	36.688	ng		97
17) 2-Methylphenol	7.128	107	235405	37.264	ng	#	90
18) Hexachloroethane	7.375	117	118361	36.821	ng	#	80
19) n-Nitroso-di-n-propyla...	7.287	70	218423	35.422	ng	#	89
20) 3+4-Methylphenols	7.281	107	278405	33.982	ng		88
22) Acetophenone	7.287	105	377201	35.214	ng	#	92
24) Nitrobenzene	7.457	77	340590	38.012	ng		93
25) Isophorone	7.692	82	573717	37.663	ng		97
26) 2-Nitrophenol	7.769	139	143426	38.653	ng	#	71
27) 2,4-Dimethylphenol	7.804	122	206749	37.117	ng		93
28) bis(2-Chloroethoxy)met...	7.904	93	376173	38.974	ng		98
29) 2,4-Dichlorophenol	8.016	162	244510	38.329	ng		97
30) 1,2,4-Trichlorobenzene	8.092	180	281423	38.697	ng		97
31) Naphthalene	8.175	128	793757	38.034	ng		99
32) Benzoic acid	7.951	122	124051m	34.242	ng		
33) 4-Chloroaniline	8.228	127	302912	37.445	ng	#	93
34) Hexachlorobutadiene	8.281	225	183458	37.830	ng		97
35) Caprolactam	8.616	113	69854	36.656	ng	#	80
36) 4-Chloro-3-methylphenol	8.710	107	262741	38.002	ng		97
37) 2-Methylnaphthalene	8.863	142	516313	37.862	ng		97
38) 1-Methylnaphthalene	8.963	142	496063	37.839	ng		98
40) 1,2,4,5-Tetrachloroben...	9.028	216	273143	38.933	ng	#	94
41) Hexachlorocyclopentadiene	9.010	237	95515	36.146	ng		94
43) 2,4,6-Trichlorophenol	9.145	196	170034	38.400	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	183330	39.011	ng	#	87
46) 1,1'-Biphenyl	9.333	154	626914	37.480	ng		97
47) 2-Chloronaphthalene	9.357	162	496879	38.161	ng		100
48) 2-Nitroaniline	9.463	65	189212	37.769	ng		96
49) Acenaphthylene	9.775	152	744285	37.353	ng		99
50) Dimethylphthalate	9.633	163	591026	37.217	ng		99
51) 2,6-Dinitrotoluene	9.704	165	121394	37.790	ng		96
52) Acenaphthene	9.945	154	433354	36.486	ng		95
53) 3-Nitroaniline	9.875	138	129308	36.939	ng		93
54) 2,4-Dinitrophenol	9.986	184	57899	34.980	ng		89
55) Dibenzofuran	10.116	168	672595	36.451	ng		99
56) 4-Nitrophenol	10.039	139	69173	32.511	ng	#	70
57) 2,4-Dinitrotoluene	10.110	165	155295	36.743	ng	#	89
58) Fluorene	10.463	166	523290	36.573	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	148418	38.003	ng	#	77
60) Diethylphthalate	10.327	149	531869	36.717	ng		97
61) 4-Chlorophenyl-phenyle...	10.451	204	287145	37.031	ng	#	86
62) 4-Nitroaniline	10.492	138	125800	36.063	ng	#	79
63) Azobenzene	10.610	77	614613	36.911	ng		89
65) 4,6-Dinitro-2-methylph...	10.522	198	93576	40.215	ng		91
66) n-Nitrosodiphenylamine	10.575	169	446857	38.125	ng		99
67) 4-Bromophenyl-phenylether	10.939	248	177267	38.966	ng		98
68) Hexachlorobenzene	11.010	284	190529	38.429	ng	#	86
69) Atrazine	11.098	200	156537	38.704	ng		94
70) Pentachlorophenol	11.210	266	78843	39.386	ng		98
71) Phenanthrene	11.427	178	740258	37.158	ng		100
72) Anthracene	11.480	178	728626	36.931	ng		99
73) Carbazole	11.639	167	691654	37.227	ng		98
74) Di-n-butylphthalate	11.957	149	820913	37.776	ng		100
75) Fluoranthene	12.616	202	807179	36.237	ng		92
77) Benzidine	12.739	184	215313	34.289	ng		98
78) Pyrene	12.851	202	807239	41.971	ng		99
80) Butylbenzylphthalate	13.457	149	307073	41.485	ng	#	95
81) Benzo(a)anthracene	14.039	228	637107	38.319	ng		99
82) 3,3'-Dichlorobenzidine	13.998	252	191658	37.074	ng	#	94
83) Chrysene	14.074	228	612277	39.593	ng		99
84) Bis(2-ethylhexyl)phtha...	14.010	149	398905	40.034	ng	#	98
85) Di-n-octyl phthalate	14.621	149	585066	38.794	ng		96
87) Indeno(1,2,3-cd)pyrene	17.045	276	460081	40.947	ng	#	85
88) Benzo(b)fluoranthene	15.098	252	460032	37.576	ng	#	92
89) Benzo(k)fluoranthene	15.127	252	467789	40.637	ng	#	93
90) Benzo(a)pyrene	15.468	252	373301	38.721	ng	#	93
91) Dibenzo(a,h)anthracene	17.056	278	393342	42.061	ng	#	90
92) Benzo(g,h,i)perylene	17.498	276	383409	42.031	ng	#	85

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

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