Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103122\
Data File : BF130872.D
Acq On : 31 Oct 2022 10:55
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 31 11:18:53 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 29 05:41:34 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 11/01/2022
Supervised By :Jagrut Upadhyay 11/01/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.945	152	94579	20.000	ng		0.00
21) Naphthalene-d8	8.234	136	352545	20.000	ng		0.00
39) Acenaphthene-d10	9.998	164	186723	20.000	ng		0.00
64) Phenanthrene-d10	11.486	188	341361	20.000	ng		0.00
76) Chrysene-d12	14.139	240	215734	20.000	ng		0.00
86) Perylene-d12	15.657	264	163167	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.557	112	438477	80.372	ng		0.00
7) Phenol-d6	6.569	99	573872	80.946	ng		0.00
23) Nitrobenzene-d5	7.516	82	560302	95.833	ng		0.00
42) 2,4,6-Tribromophenol	10.786	330	145733	92.715	ng		0.00
45) 2-Fluorobiphenyl	9.310	172	1022224	82.769	ng		0.00
79) Terphenyl-d14	13.080	244	1050584	89.237	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.769	88	100815	41.216	ng		93
3) Pyridine	3.540	79	285867	41.726	ng		98
4) n-Nitrosodimethylamine	3.510	42	172235	44.782	ng	#	93
6) Aniline	6.610	93	354645m	40.455	ng		
8) 2-Chlorophenol	6.728	128	248496	40.888	ng		94
9) Benzaldehyde	6.498	77	163631	36.062	ng		95
10) Phenol	6.581	94	312880	41.011	ng		99
11) bis(2-Chloroethyl)ether	6.681	93	245578	41.293	ng		98
12) 1,3-Dichlorobenzene	6.887	146	283944	41.231	ng		98
13) 1,4-Dichlorobenzene	6.963	146	287693	41.156	ng		98
14) 1,2-Dichlorobenzene	7.116	146	266556	41.174	ng		98
15) Benzyl Alcohol	7.087	79	234334	38.872	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.216	45	430654	40.624	ng		97
17) 2-Methylphenol	7.193	107	215226	41.434	ng		99
18) Hexachloroethane	7.457	117	106339	42.091	ng		97
19) n-Nitroso-di-n-propyla...	7.363	70	189743	39.336	ng		98
20) 3+4-Methylphenols	7.345	107	267051	39.541	ng		92
22) Acetophenone	7.357	105	349942	40.940	ng		94
24) Nitrobenzene	7.534	77	287606	44.987	ng		97
25) Isophorone	7.769	82	492701	40.866	ng		98
26) 2-Nitrophenol	7.845	139	107533	43.115	ng		91
27) 2,4-Dimethylphenol	7.875	122	201942	40.246	ng		99
28) bis(2-Chloroethoxy)met...	7.975	93	272369	40.450	ng		99
29) 2,4-Dichlorophenol	8.087	162	211485	40.972	ng		96
30) 1,2,4-Trichlorobenzene	8.169	180	228417	41.153	ng		98
31) Naphthalene	8.257	128	743076	40.399	ng		100
32) Benzoic acid	7.998	122	98325	30.841	ng		95
33) 4-Chloroaniline	8.298	127	297538	40.937	ng		98
34) Hexachlorobutadiene	8.369	225	156059	42.355	ng		99
35) Caprolactam	8.681	113	66494	40.199	ng		100
36) 4-Chloro-3-methylphenol	8.781	107	234041	41.801	ng		99
37) 2-Methylnaphthalene	8.945	142	467222	40.383	ng		99
38) 1-Methylnaphthalene	9.045	142	452542	40.192	ng		99
40) 1,2,4,5-Tetrachloroben...	9.110	216	228301	43.115	ng		99
41) Hexachlorocyclopentadiene	9.098	237	120417	43.281	ng		99
43) 2,4,6-Trichlorophenol	9.222	196	156269	42.471	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.263	196	171680	43.673	ng		97
46) 1,1'-Biphenyl	9.416	154	553769	41.627	ng		99
47) 2-Chloronaphthalene	9.439	162	450886	42.268	ng		98
48) 2-Nitroaniline	9.534	65	156548	45.843	ng		98
49) Acenaphthylene	9.857	152	701346	41.606	ng		99
50) Dimethylphthalate	9.716	163	524177	40.871	ng		100
51) 2,6-Dinitrotoluene	9.775	165	108645	44.763	ng		97
52) Acenaphthene	10.034	154	437057	41.930	ng		98
53) 3-Nitroaniline	9.951	138	124091	49.675	ng	#	87
54) 2,4-Dinitrophenol	10.051	184	41757	45.599	ng		89
55) Dibenzofuran	10.204	168	623309	41.255	ng		97
56) 4-Nitrophenol	10.098	139	90731	45.871	ng		97
57) 2,4-Dinitrotoluene	10.181	165	140088	45.908	ng		90
58) Fluorene	10.545	166	497614	41.828	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.316	232	132668	40.935	ng		99
60) Diethylphthalate	10.416	149	524336	41.570	ng		99
61) 4-Chlorophenyl-phenyle...	10.533	204	235435	41.367	ng		94
62) 4-Nitroaniline	10.563	138	127959	50.586	ng		99
63) Azobenzene	10.698	77	546066	41.473	ng		98
65) 4,6-Dinitro-2-methylph...	10.586	198	68015	47.729	ng		87
66) n-Nitrosodiphenylamine	10.657	169	451489	42.403	ng		100
67) 4-Bromophenyl-phenylether	11.028	248	148112	43.144	ng	#	91
68) Hexachlorobenzene	11.092	284	162435	42.946	ng		98
69) Atrazine	11.181	200	133035	43.264	ng		99
70) Pentachlorophenol	11.286	266	77985	36.132	ng		96
71) Phenanthrene	11.516	178	742377	42.136	ng		99
72) Anthracene	11.569	178	736593	42.387	ng		99
73) Carbazole	11.722	167	646461	41.540	ng		99
74) Di-n-butylphthalate	12.045	149	791225	41.863	ng		99
75) Fluoranthene	12.704	202	785569	41.965	ng		99
77) Benzidine	12.827	184	188648	36.023	ng		99
78) Pyrene	12.939	202	786510	43.212	ng		99
80) Butylbenzylphthalate	13.551	149	304864	46.557	ng		96
81) Benzo(a)anthracene	14.127	228	604565	42.268	ng		99
82) 3,3'-Dichlorobenzidine	14.086	252	165261	42.810	ng		92
83) Chrysene	14.169	228	578042	41.898	ng		99
84) Bis(2-ethylhexyl)phtha...	14.110	149	362431	46.033	ng		100
85) Di-n-octyl phthalate	14.727	149	493267	45.394	ng		100
87) Indeno(1,2,3-cd)pyrene	17.215	276	462360	42.671	ng		98
88) Benzo(b)fluoranthene	15.204	252	444183	42.112	ng		99
89) Benzo(k)fluoranthene	15.239	252	416148	40.490	ng		99
90) Benzo(a)pyrene	15.592	252	356035	41.990	ng		98
91) Dibenzo(a,h)anthracene	17.239	278	376887	42.667	ng		98
92) Benzo(g,h,i)perylene	17.692	276	386142	42.849	ng		99

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

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