Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010824\
Data File : BF136998.D
Acq On : 08 Jan 2024 15:22
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 01/09/2024
Supervised By :mohammad ahmed 01/09/2024

Quant Time: Jan 08 15:45:13 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 21 01:54:25 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.787	152	66523	20.000	ng		0.00
21) Naphthalene-d8	8.063	136	251408	20.000	ng		0.00
39) Acenaphthene-d10	9.822	164	124405	20.000	ng		0.00
64) Phenanthrene-d10	11.316	188	234505	20.000	ng		0.00
76) Chrysene-d12	13.974	240	134447	20.000	ng		0.00
86) Perylene-d12	15.457	264	140262	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.428	112	345305	80.991	ng		0.00
7) Phenol-d6	6.439	99	425850	77.084	ng		0.00
23) Nitrobenzene-d5	7.351	82	389651	79.309	ng		0.00
42) 2,4,6-Tribromophenol	10.616	330	112583	76.841	ng		0.00
45) 2-Fluorobiphenyl	9.139	172	765426	82.753	ng		-0.01
79) Terphenyl-d14	12.910	244	749396	77.894	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.534	88	70223	39.530	ng		97
3) Pyridine	3.299	79	173032	39.922	ng		97
4) n-Nitrosodimethylamine	3.275	42	85303	36.854	ng		100
6) Aniline	6.457	93	203629	36.867	ng	#	59
8) 2-Chlorophenol	6.581	128	184276	39.496	ng		91
9) Benzaldehyde	6.345	77	118280	37.641	ng		98
10) Phenol	6.451	94	226350	38.381	ng		88
11) bis(2-Chloroethyl)ether	6.528	93	174198	38.841	ng		97
12) 1,3-Dichlorobenzene	6.728	146	206017	40.477	ng		96
13) 1,4-Dichlorobenzene	6.804	146	206104	39.631	ng		97
14) 1,2-Dichlorobenzene	6.957	146	193592	40.004	ng		97
15) Benzyl Alcohol	6.934	79	140931	37.813	ng		100
16) 2,2'-oxybis(1-Chloropr...	7.057	45	267797	36.522	ng		62
17) 2-Methylphenol	7.051	107	145613	37.673	ng		95
18) Hexachloroethane	7.287	117	74146	39.257	ng		97
19) n-Nitroso-di-n-propyla...	7.204	70	125298	37.415	ng		92
20) 3+4-Methylphenols	7.204	107	189145	39.170	ng	#	65
22) Acetophenone	7.198	105	252268	40.033	ng	#	92
24) Nitrobenzene	7.369	77	193214	39.258	ng		97
25) Isophorone	7.604	82	340636	38.103	ng		98
26) 2-Nitrophenol	7.686	139	95821	40.693	ng		95
27) 2,4-Dimethylphenol	7.728	122	115220	40.192	ng		96
28) bis(2-Chloroethoxy)met...	7.816	93	214287	39.434	ng		98
29) 2,4-Dichlorophenol	7.928	162	146935	39.812	ng		99
30) 1,2,4-Trichlorobenzene	8.004	180	168289	40.925	ng		97
31) Naphthalene	8.086	128	551274	39.914	ng		100
32) Benzoic acid	7.863	122	98126m	35.376	ng		
33) 4-Chloroaniline	8.139	127	191170	37.488	ng		97
34) Hexachlorobutadiene	8.198	225	102483	41.020	ng		99
35) Caprolactam	8.522	113	48720m	40.015	ng		
36) 4-Chloro-3-methylphenol	8.633	107	156465	37.658	ng		99
37) 2-Methylnaphthalene	8.775	142	350889	39.475	ng		98
38) 1-Methylnaphthalene	8.875	142	338313	38.794	ng		98
40) 1,2,4,5-Tetrachloroben...	8.945	216	164491	42.694	ng		98
41) Hexachlorocyclopentadiene	8.922	237	37879	33.845	ng		99
43) 2,4,6-Trichlorophenol	9.063	196	99063	40.093	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	106320	38.614	ng		96
46) 1,1'-Biphenyl	9.239	154	425932	40.800	ng		98
47) 2-Chloronaphthalene	9.269	162	326642	41.158	ng		98
48) 2-Nitroaniline	9.375	65	95633	38.481	ng		86
49) Acenaphthylene	9.680	152	487849	40.217	ng		99
50) Dimethylphthalate	9.545	163	357436	39.336	ng		100
51) 2,6-Dinitrotoluene	9.616	165	80929	39.243	ng		98
52) Acenaphthene	9.857	154	301349	40.076	ng		99
53) 3-Nitroaniline	9.786	138	82137	37.598	ng		95
54) 2,4-Dinitrophenol	9.898	184	30806	29.430	ng	#	87
55) Dibenzofuran	10.028	168	446762	39.195	ng		97
56) 4-Nitrophenol	9.969	139	49162	33.336	ng		94
57) 2,4-Dinitrotoluene	10.022	165	102659	38.345	ng	#	94
58) Fluorene	10.375	166	356770	39.447	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.151	232	78860	37.207	ng		96
60) Diethylphthalate	10.245	149	364434	38.654	ng		98
61) 4-Chlorophenyl-phenyle...	10.363	204	175094	39.829	ng		98
62) 4-Nitroaniline	10.404	138	77577	36.836	ng		96
63) Azobenzene	10.527	77	335057	38.049	ng		96
65) 4,6-Dinitro-2-methylph...	10.439	198	47881	35.627	ng	#	78
66) n-Nitrosodiphenylamine	10.486	169	308738	40.529	ng		99
67) 4-Bromophenyl-phenylether	10.857	248	104399	40.086	ng		92
68) Hexachlorobenzene	10.922	284	118141	40.706	ng		99
69) Atrazine	11.016	200	73919	37.938	ng		98
70) Pentachlorophenol	11.127	266	47911	35.416	ng		99
71) Phenanthrene	11.339	178	469011	38.978	ng		99
72) Anthracene	11.392	178	482902	39.628	ng		99
73) Carbazole	11.551	167	458200	39.882	ng		100
74) Di-n-butylphthalate	11.880	149	575060	41.019	ng		99
75) Fluoranthene	12.533	202	497091	38.622	ng		97
77) Benzidine	12.663	184	176209	44.449	ng		98
78) Pyrene	12.763	202	501782	38.019	ng		99
80) Butylbenzylphthalate	13.386	149	206317	42.961	ng		98
81) Benzo(a)anthracene	13.963	228	379575	40.658	ng		98
82) 3,3'-Dichlorobenzidine	13.927	252	120397	45.411	ng		97
83) Chrysene	13.998	228	368719	40.388	ng		99
84) Bis(2-ethylhexyl)phtha...	13.945	149	290504	48.078	ng		98
85) Di-n-octyl phthalate	14.563	149	452145	48.375	ng		99
87) Indeno(1,2,3-cd)pyrene	16.980	276	422057	41.676	ng		99
88) Benzo(b)fluoranthene	15.021	252	374821	40.010	ng		98
89) Benzo(k)fluoranthene	15.051	252	317390	35.855	ng		99
90) Benzo(a)pyrene	15.398	252	307606	38.899	ng		99
91) Dibenzo(a,h)anthracene	16.992	278	341956	41.158	ng		97
92) Benzo(g,h,i)perylene	17.439	276	351109	41.261	ng		99

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

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