Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010224\
Data File : BF136876.D
Acq On : 02 Jan 2024 17:49
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 01/03/2024
Supervised By :mohammad ahmed 01/03/2024

Quant Time: Jan 03 01:37:11 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	6.781	152	72688	20.000	ng		-0.01
21) Naphthalene-d8	8.057	136	274527	20.000	ng		-0.01
39) Acenaphthene-d10	9.816	164	140627	20.000	ng		-0.01
64) Phenanthrene-d10	11.310	188	262254	20.000	ng		0.00
76) Chrysene-d12	13.963	240	140680	20.000	ng		0.00
86) Perylene-d12	15.439	264	136931	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.416	112	380679	81.715	ng		-0.01
7) Phenol-d6	6.434	99	482058	79.858	ng		0.00
23) Nitrobenzene-d5	7.351	82	431835	80.493	ng		0.00
42) 2,4,6-Tribromophenol	10.610	330	130573	78.839	ng		-0.01
45) 2-Fluorobiphenyl	9.139	172	843809	80.704	ng		-0.01
79) Terphenyl-d14	12.904	244	831140	82.563	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.534	88	77812	40.087	ng		96
3) Pyridine	3.293	79	184011	38.854	ng		96
4) n-Nitrosodimethylamine	3.269	42	97170	38.421	ng		96
6) Aniline	6.451	93	226031	37.452	ng	#	86
8) 2-Chlorophenol	6.575	128	204673	40.147	ng		91
9) Benzaldehyde	6.340	77	127672	37.184	ng		99
10) Phenol	6.446	94	256187	39.756	ng		97
11) bis(2-Chloroethyl)ether	6.522	93	192173	39.214	ng		99
12) 1,3-Dichlorobenzene	6.722	146	223693	40.222	ng		99
13) 1,4-Dichlorobenzene	6.798	146	227701	40.070	ng		99
14) 1,2-Dichlorobenzene	6.951	146	209216	39.566	ng		99
15) Benzyl Alcohol	6.928	79	157869	38.765	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.057	45	302520	37.758	ng		93
17) 2-Methylphenol	7.045	107	162871	38.564	ng		98
18) Hexachloroethane	7.287	117	81541	39.511	ng		95
19) n-Nitroso-di-n-propyla...	7.198	70	139441	38.106	ng		95
20) 3+4-Methylphenols	7.198	107	204000	38.663	ng	#	78
22) Acetophenone	7.193	105	278795	40.517	ng		95
24) Nitrobenzene	7.369	77	216827	40.346	ng		94
25) Isophorone	7.604	82	385247	39.464	ng		100
26) 2-Nitrophenol	7.681	139	109508	42.589	ng		99
27) 2,4-Dimethylphenol	7.722	122	128812	41.149	ng		96
28) bis(2-Chloroethoxy)met...	7.810	93	233666	39.379	ng		99
29) 2,4-Dichlorophenol	7.922	162	165037	40.951	ng		99
30) 1,2,4-Trichlorobenzene	8.004	180	187484	41.754	ng		99
31) Naphthalene	8.081	128	618968	41.041	ng		99
32) Benzoic acid	7.851	122	113358m	37.426	ng		
33) 4-Chloroaniline	8.134	127	216886	38.949	ng		98
34) Hexachlorobutadiene	8.192	225	112081	41.084	ng		99
35) Caprolactam	8.516	113	59851	45.018	ng		96
36) 4-Chloro-3-methylphenol	8.622	107	178136	39.263	ng		95
37) 2-Methylnaphthalene	8.775	142	391844	40.371	ng		98
38) 1-Methylnaphthalene	8.869	142	384686	40.397	ng		99
40) 1,2,4,5-Tetrachloroben...	8.939	216	182194	41.834	ng		98
41) Hexachlorocyclopentadiene	8.922	237	71688	53.363	ng		99
43) 2,4,6-Trichlorophenol	9.057	196	112168	40.160	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.104	196	124232	39.915	ng		99
46) 1,1'-Biphenyl	9.239	154	479933	40.670	ng		100
47) 2-Chloronaphthalene	9.263	162	365526	40.745	ng		99
48) 2-Nitroaniline	9.363	65	111567	39.714	ng		99
49) Acenaphthylene	9.681	152	556200	40.562	ng		100
50) Dimethylphthalate	9.545	163	402892	39.223	ng		100
51) 2,6-Dinitrotoluene	9.610	165	95158	40.820	ng		95
52) Acenaphthene	9.851	154	340150	40.018	ng		98
53) 3-Nitroaniline	9.781	138	93234	37.755	ng		93
54) 2,4-Dinitrophenol	9.892	184	44752	36.756	ng		96
55) Dibenzofuran	10.022	168	506443	39.306	ng		99
56) 4-Nitrophenol	9.951	139	71892	43.126	ng		99
57) 2,4-Dinitrotoluene	10.016	165	118927	39.298	ng	#	96
58) Fluorene	10.369	166	404669	39.582	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.145	232	89999	37.564	ng		98
60) Diethylphthalate	10.245	149	417654	39.189	ng		98
61) 4-Chlorophenyl-phenyle...	10.357	204	198950	40.036	ng		98
62) 4-Nitroaniline	10.398	138	88165m	37.035	ng		
63) Azobenzene	10.522	77	388130	38.992	ng		98
65) 4,6-Dinitro-2-methylph...	10.428	198	58855	39.159	ng		86
66) n-Nitrosodiphenylamine	10.481	169	351240	41.229	ng		99
67) 4-Bromophenyl-phenylether	10.851	248	121882	41.848	ng		97
68) Hexachlorobenzene	10.916	284	130834	40.309	ng		96
69) Atrazine	11.016	200	93668	42.987	ng		98
70) Pentachlorophenol	11.116	266	50049	33.082	ng		99
71) Phenanthrene	11.333	178	547778	40.707	ng		100
72) Anthracene	11.386	178	553302	40.601	ng		100
73) Carbazole	11.545	167	523990	40.782	ng		99
74) Di-n-butylphthalate	11.875	149	640236	40.836	ng		100
75) Fluoranthene	12.527	202	577793	40.142	ng		98
77) Benzidine	12.657	184	146297	35.269	ng		98
78) Pyrene	12.757	202	582069	42.148	ng		99
80) Butylbenzylphthalate	13.380	149	216598	43.103	ng		97
81) Benzo(a)anthracene	13.951	228	402469	41.200	ng		99
82) 3,3'-Dichlorobenzidine	13.916	252	111751	40.282	ng		98
83) Chrysene	13.992	228	390656	40.895	ng		99
84) Bis(2-ethylhexyl)phtha...	13.945	149	279445	44.199	ng	#	95
85) Di-n-octyl phthalate	14.557	149	413695	42.300	ng		99
87) Indeno(1,2,3-cd)pyrene	16.951	276	423178	42.803	ng		100
88) Benzo(b)fluoranthene	15.010	252	346427	37.879	ng		100
89) Benzo(k)fluoranthene	15.039	252	338898	39.216	ng		100
90) Benzo(a)pyrene	15.380	252	310747	40.252	ng		99
91) Dibenzo(a,h)anthracene	16.968	278	346788	42.755	ng		98
92) Benzo(g,h,i)perylene	17.404	276	351476	42.309	ng		98

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

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