Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010324\
Data File : BF136911.D
Acq On : 03 Jan 2024 17:06
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024

Quant Time: Jan 04 01:27:38 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	74052	20.000	ng		-0.01
21) Naphthalene-d8	8.057	136	285864	20.000	ng		-0.01
39) Acenaphthene-d10	9.816	164	143424	20.000	ng		-0.01
64) Phenanthrene-d10	11.310	188	269952	20.000	ng		0.00
76) Chrysene-d12	13.963	240	134759	20.000	ng		0.00
86) Perylene-d12	15.439	264	132736	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.422	112	385588	81.244	ng		0.00
7) Phenol-d6	6.434	99	484504	78.784	ng		0.00
23) Nitrobenzene-d5	7.351	82	446563	79.937	ng		0.00
42) 2,4,6-Tribromophenol	10.610	330	134196	79.446	ng		-0.01
45) 2-Fluorobiphenyl	9.139	172	867384	81.341	ng		-0.01
79) Terphenyl-d14	12.904	244	847891	87.927	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.534	88	79288	40.095	ng		95
3) Pyridine	3.293	79	188724	39.115	ng		96
4) n-Nitrosodimethylamine	3.269	42	97767	37.945	ng		96
6) Aniline	6.451	93	228641	37.186	ng	#	55
8) 2-Chlorophenol	6.575	128	209690	40.373	ng		94
9) Benzaldehyde	6.340	77	130664	37.354	ng		97
10) Phenol	6.445	94	253331	38.589	ng		97
11) bis(2-Chloroethyl)ether	6.528	93	200024	40.065	ng		97
12) 1,3-Dichlorobenzene	6.722	146	229098	40.435	ng		99
13) 1,4-Dichlorobenzene	6.798	146	229945	39.720	ng		98
14) 1,2-Dichlorobenzene	6.951	146	214741	39.863	ng		99
15) Benzyl Alcohol	6.934	79	161668	38.967	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.057	45	305920	37.479	ng		83
17) 2-Methylphenol	7.045	107	164821	38.307	ng		98
18) Hexachloroethane	7.287	117	83129	39.539	ng		97
19) n-Nitroso-di-n-propyla...	7.198	70	142076	38.111	ng		98
20) 3+4-Methylphenols	7.198	107	215478	40.086	ng	#	85
22) Acetophenone	7.192	105	288269	40.232	ng	#	93
24) Nitrobenzene	7.369	77	221834	39.641	ng		96
25) Isophorone	7.604	82	395015	38.860	ng		99
26) 2-Nitrophenol	7.681	139	108251	40.431	ng		98
27) 2,4-Dimethylphenol	7.722	122	132896	40.770	ng		95
28) bis(2-Chloroethoxy)met...	7.816	93	244252	39.530	ng		98
29) 2,4-Dichlorophenol	7.928	162	168350	40.117	ng		96
30) 1,2,4-Trichlorobenzene	8.004	180	189713	40.574	ng		96
31) Naphthalene	8.081	128	633826	40.359	ng		100
32) Benzoic acid	7.863	122	130474m	41.369	ng		
33) 4-Chloroaniline	8.139	127	218638	37.706	ng		96
34) Hexachlorobutadiene	8.192	225	113937	40.108	ng		99
35) Caprolactam	8.522	113	60921	44.005	ng		93
36) 4-Chloro-3-methylphenol	8.628	107	184100	38.968	ng		96
37) 2-Methylnaphthalene	8.775	142	400203	39.597	ng		98
38) 1-Methylnaphthalene	8.875	142	392370	39.570	ng		99
40) 1,2,4,5-Tetrachloroben...	8.939	216	190136	42.806	ng		99
41) Hexachlorocyclopentadiene	8.922	237	77002	55.940	ng		99
43) 2,4,6-Trichlorophenol	9.057	196	112690	39.560	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.104	196	125358	39.491	ng		97
46) 1,1'-Biphenyl	9.239	154	491656	40.851	ng		99
47) 2-Chloronaphthalene	9.263	162	377039	41.209	ng		100
48) 2-Nitroaniline	9.369	65	113682	39.677	ng		92
49) Acenaphthylene	9.681	152	568892	40.679	ng		100
50) Dimethylphthalate	9.545	163	420583	40.147	ng		100
51) 2,6-Dinitrotoluene	9.610	165	95741	40.269	ng		93
52) Acenaphthene	9.851	154	352546	40.667	ng		98
53) 3-Nitroaniline	9.781	138	97094	38.551	ng		96
54) 2,4-Dinitrophenol	9.892	184	55278	43.727	ng	#	89
55) Dibenzofuran	10.022	168	518520	39.458	ng		99
56) 4-Nitrophenol	9.957	139	69892	41.108	ng		95
57) 2,4-Dinitrotoluene	10.016	165	121511	39.368	ng		95
58) Fluorene	10.369	166	417290	40.021	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.145	232	93593	38.302	ng		97
60) Diethylphthalate	10.245	149	428122	39.387	ng		99
61) 4-Chlorophenyl-phenyle...	10.357	204	202245	39.905	ng		98
62) 4-Nitroaniline	10.398	138	93181m	38.378	ng		
63) Azobenzene	10.522	77	393039	38.715	ng		99
65) 4,6-Dinitro-2-methylph...	10.428	198	66297	42.853	ng		94
66) n-Nitrosodiphenylamine	10.486	169	365547	41.685	ng		100
67) 4-Bromophenyl-phenylether	10.851	248	124054	41.379	ng		99
68) Hexachlorobenzene	10.916	284	140195	41.962	ng		98
69) Atrazine	11.016	200	94762	42.249	ng		98
70) Pentachlorophenol	11.116	266	49896	32.040	ng		95
71) Phenanthrene	11.333	178	564108	40.726	ng		100
72) Anthracene	11.386	178	571745	40.758	ng		99
73) Carbazole	11.545	167	535955	40.524	ng		99
74) Di-n-butylphthalate	11.875	149	654673	40.566	ng		100
75) Fluoranthene	12.527	202	585166	39.495	ng		97
77) Benzidine	12.657	184	156362	39.352	ng		99
78) Pyrene	12.757	202	580566	43.886	ng		100
80) Butylbenzylphthalate	13.380	149	204288	42.440	ng		98
81) Benzo(a)anthracene	13.951	228	385802	41.229	ng		99
82) 3,3'-Dichlorobenzidine	13.921	252	111026	41.779	ng		96
83) Chrysene	13.992	228	371237	40.569	ng		98
84) Bis(2-ethylhexyl)phtha...	13.945	149	262382	43.323	ng	#	96
85) Di-n-octyl phthalate	14.557	149	372137	39.723	ng		99
87) Indeno(1,2,3-cd)pyrene	16.957	276	423010	44.138	ng		99
88) Benzo(b)fluoranthene	15.010	252	323177	36.453	ng		98
89) Benzo(k)fluoranthene	15.039	252	328107	39.167	ng		99
90) Benzo(a)pyrene	15.380	252	297618	39.770	ng		99
91) Dibenzo(a,h)anthracene	16.968	278	352425	44.824	ng		98
92) Benzo(g,h,i)perylene	17.409	276	367343	45.616	ng		98

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

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