Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122123\
Data File : BF136660.D
Acq On : 21 Dec 2023 09:22
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 12/22/2023
Supervised By :mohammad ahmed 12/22/2023

Quant Time: Dec 21 10:48:21 2023
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	6.792	152	70723	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	274399	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	145206	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	279756	20.000	ng	0.00
76) Chrysene-d12	13.968	240	157374	20.000	ng	0.00
86) Perylene-d12	15.439	264	136757	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	364983	80.522	ng	0.00
7) Phenol-d6	6.440	99	465997	79.342	ng	0.00
23) Nitrobenzene-d5	7.357	82	436575	81.414	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	135637	79.314	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	869976	80.582	ng	0.00
79) Terphenyl-d14	12.910	244	910045	80.811	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.540	88	75411	39.930	ng	98
3) Pyridine	3.304	79	189419	41.107	ng	96
4) n-Nitrosodimethylamine	3.275	42	96737	39.312	ng	96
6) Aniline	6.463	93	236607	40.293	ng	97
8) 2-Chlorophenol	6.581	128	198748	40.068	ng	97
9) Benzaldehyde	6.351	77	133303	39.902	ng	99
10) Phenol	6.451	94	249806	39.843	ng	97
11) bis(2-Chloroethyl)ether	6.534	93	190184	39.887	ng	99
12) 1,3-Dichlorobenzene	6.734	146	216876	40.080	ng	98
13) 1,4-Dichlorobenzene	6.810	146	216908	39.231	ng	96
14) 1,2-Dichlorobenzene	6.963	146	207219	40.277	ng	98
15) Benzyl Alcohol	6.940	79	155217	39.173	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.069	45	312698	40.113	ng	96
17) 2-Methylphenol	7.051	107	163927	39.892	ng	99
18) Hexachloroethane	7.298	117	79655	39.670	ng	97
19) n-Nitroso-di-n-propyla...	7.210	70	139135	39.079	ng	97
20) 3+4-Methylphenols	7.204	107	199609	38.882	ng	94
22) Acetophenone	7.204	105	278887	40.549	ng	97
24) Nitrobenzene	7.375	77	220115	40.977	ng	100
25) Isophorone	7.610	82	395734	40.557	ng	99
26) 2-Nitrophenol	7.687	139	106135	41.297	ng	90
27) 2,4-Dimethylphenol	7.728	122	128819	41.171	ng	99
28) bis(2-Chloroethoxy)met...	7.822	93	241931	40.791	ng	99
29) 2,4-Dichlorophenol	7.934	162	164583	40.858	ng	96
30) 1,2,4-Trichlorobenzene	8.010	180	184378	41.081	ng	98
31) Naphthalene	8.092	128	609702	40.445	ng	100
32) Benzoic acid	7.857	122	118592m	39.173	ng	
33) 4-Chloroaniline	8.145	127	224768	40.383	ng	96
34) Hexachlorobutadiene	8.204	225	112353	41.203	ng	98
35) Caprolactam	8.522	113	54873m	41.293	ng	
36) 4-Chloro-3-methylphenol	8.628	107	185007	40.797	ng	96
37) 2-Methylnaphthalene	8.781	142	395787	40.796	ng	97
38) 1-Methylnaphthalene	8.881	142	385557	40.508	ng	99
40) 1,2,4,5-Tetrachloroben...	8.945	216	183009	40.696	ng	98
41) Hexachlorocyclopentadiene	8.934	237	51702	38.749	ng	97
43) 2,4,6-Trichlorophenol	9.063	196	117521	40.750	ng	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.104	196	134444	41.833	ng		93
46) 1,1'-Biphenyl	9.251	154	499425	40.987	ng		98
47) 2-Chloronaphthalene	9.275	162	376552	40.650	ng		98
48) 2-Nitroaniline	9.375	65	119222	41.100	ng		93
49) Acenaphthylene	9.686	152	579038	40.896	ng		100
50) Dimethylphthalate	9.551	163	426268	40.190	ng		99
51) 2,6-Dinitrotoluene	9.616	165	98585	40.956	ng		86
52) Acenaphthene	9.863	154	352371	40.148	ng		99
53) 3-Nitroaniline	9.786	138	104502	40.983	ng		95
54) 2,4-Dinitrophenol	9.892	184	44892	35.815	ng	#	87
55) Dibenzofuran	10.033	168	536754	40.344	ng		97
56) 4-Nitrophenol	9.951	139	69183	40.192	ng		95
57) 2,4-Dinitrotoluene	10.022	165	129495	41.440	ng	#	98
58) Fluorene	10.375	166	421538	39.932	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.151	232	100013	40.427	ng		100
60) Diethylphthalate	10.251	149	442881	40.245	ng		98
61) 4-Chlorophenyl-phenyle...	10.369	204	201396	39.250	ng		99
62) 4-Nitroaniline	10.404	138	96822m	39.389	ng		
63) Azobenzene	10.528	77	415884	40.462	ng		97
65) 4,6-Dinitro-2-methylph...	10.433	198	67855	42.323	ng		87
66) n-Nitrosodiphenylamine	10.492	169	362432	39.881	ng		99
67) 4-Bromophenyl-phenylether	10.863	248	126226	40.628	ng		94
68) Hexachlorobenzene	10.922	284	141691	40.923	ng		95
69) Atrazine	11.016	200	77516	33.349	ng		98
70) Pentachlorophenol	11.122	266	66991	41.510	ng		97
71) Phenanthrene	11.339	178	582151	40.555	ng		99
72) Anthracene	11.392	178	588095	40.454	ng		99
73) Carbazole	11.551	167	559949	40.854	ng		99
74) Di-n-butylphthalate	11.886	149	697047	41.678	ng		99
75) Fluoranthene	12.533	202	625526	40.739	ng		98
77) Benzidine	12.657	184	194623	41.942	ng		98
78) Pyrene	12.763	202	634755	41.087	ng		100
80) Butylbenzylphthalate	13.386	149	242019	43.053	ng		94
81) Benzo(a)anthracene	13.957	228	447271	40.929	ng		99
82) 3,3'-Dichlorobenzidine	13.921	252	124844	40.228	ng	#	98
83) Chrysene	13.998	228	439802	41.156	ng		98
84) Bis(2-ethylhexyl)phtha...	13.951	149	302424	42.759	ng		99
85) Di-n-octyl phthalate	14.568	149	457174	41.787	ng		100
87) Indeno(1,2,3-cd)pyrene	16.939	276	385792	39.071	ng		100
88) Benzo(b)fluoranthene	15.010	252	384129	42.054	ng		98
89) Benzo(k)fluoranthene	15.039	252	331729	38.435	ng		99
90) Benzo(a)pyrene	15.380	252	308941	40.069	ng		99
91) Dibenzo(a,h)anthracene	16.962	278	320061	39.510	ng		98
92) Benzo(g,h,i)perylene	17.398	276	321908	38.799	ng		98

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

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