Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091923\
Data File : BF135329.D
Acq On : 19 Sep 2023 10:14
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/20/2023

Quant Time: Sep 20 01:31:10 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 00:19:07 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.757	152	119270	20.000	ng	0.00
21) Naphthalene-d8	8.039	136	460999	20.000	ng	0.00
39) Acenaphthene-d10	9.798	164	242496	20.000	ng	0.00
64) Phenanthrene-d10	11.286	188	455601	20.000	ng	0.00
76) Chrysene-d12	13.945	240	213176	20.000	ng	0.00
86) Perylene-d12	15.409	264	229617	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	552151	75.295	ng	0.00
7) Phenol-d6	6.404	99	690770	74.081	ng	0.00
23) Nitrobenzene-d5	7.328	82	648262	76.399	ng	0.00
42) 2,4,6-Tribromophenol	10.592	330	165639	68.735	ng	0.00
45) 2-Fluorobiphenyl	9.116	172	1142597	71.088	ng	-0.01
79) Terphenyl-d14	12.886	244	1087361	79.072	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.457	88	123720	38.486	ng	98
3) Pyridine	3.204	79	343970	39.756	ng	96
4) n-Nitrosodimethylamine	3.175	42	185406	40.382	ng	95
6) Aniline	6.428	93	447722	36.616	ng	98
8) 2-Chlorophenol	6.545	128	294121	37.572	ng	100
9) Benzaldehyde	6.316	77	197815	37.239	ng	98
10) Phenol	6.416	94	372366	36.418	ng	93
11) bis(2-Chloroethyl)ether	6.504	93	295386	38.514	ng	100
12) 1,3-Dichlorobenzene	6.698	146	295970	37.202	ng	99
13) 1,4-Dichlorobenzene	6.775	146	301473	37.246	ng	99
14) 1,2-Dichlorobenzene	6.928	146	277397	36.904	ng	100
15) Benzyl Alcohol	6.904	79	250325	37.411	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.039	45	555132	38.400	ng	99
17) 2-Methylphenol	7.022	107	251959	36.473	ng	97
18) Hexachloroethane	7.263	117	112271	37.540	ng	92
19) n-Nitroso-di-n-propyla...	7.175	70	204999	35.494	ng	94
20) 3+4-Methylphenols	7.175	107	299632	36.071	ng	97
22) Acetophenone	7.175	105	387790	36.794	ng	97
24) Nitrobenzene	7.345	77	318219	37.943	ng	98
25) Isophorone	7.581	82	598149	38.389	ng	97
26) 2-Nitrophenol	7.657	139	161632	40.155	ng	100
27) 2,4-Dimethylphenol	7.698	122	259572	38.365	ng	98
28) bis(2-Chloroethoxy)met...	7.792	93	357977	38.386	ng	99
29) 2,4-Dichlorophenol	7.904	162	240448	38.353	ng	96
30) 1,2,4-Trichlorobenzene	7.981	180	247848	37.822	ng	98
31) Naphthalene	8.063	128	856047	38.219	ng	100
32) Benzoic acid	7.828	122	198766m	39.014	ng	
33) 4-Chloroaniline	8.116	127	375054	38.165	ng	99
34) Hexachlorobutadiene	8.175	225	148600	37.608	ng	99
35) Caprolactam	8.492	113	83106m	39.497	ng	
36) 4-Chloro-3-methylphenol	8.604	107	267354	38.369	ng	97
37) 2-Methylnaphthalene	8.751	142	570768	37.909	ng	99
38) 1-Methylnaphthalene	8.851	142	528869	37.518	ng	99
40) 1,2,4,5-Tetrachloroben...	8.922	216	261094	37.165	ng	100
41) Hexachlorocyclopentadiene	8.904	237	109164	39.394	ng	96
43) 2,4,6-Trichlorophenol	9.033	196	170628	37.095	ng	99

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.080	196	202242	38.179	ng		98
46)	1,1'-Biphenyl	9.216	154	687610	36.898	ng		99
47)	2-Chloronaphthalene	9.245	162	494927	36.604	ng		99
48)	2-Nitroaniline	9.345	65	200227	38.117	ng		97
49)	Acenaphthylene	9.657	152	825666	36.743	ng		99
50)	Dimethylphthalate	9.522	163	605291	36.919	ng		99
51)	2,6-Dinitrotoluene	9.592	165	134722	37.510	ng		88
52)	Acenaphthene	9.833	154	488010	36.762	ng		98
53)	3-Nitroaniline	9.763	138	161098	38.211	ng		91
54)	2,4-Dinitrophenol	9.875	184	59897	33.330	ng		97
55)	Dibenzofuran	10.004	168	726973	35.888	ng		98
56)	4-Nitrophenol	9.933	139	94297	35.192	ng		92
57)	2,4-Dinitrotoluene	9.998	165	163365	36.332	ng		88
58)	Fluorene	10.345	166	565980	36.344	ng		99
59)	2,3,4,6-Tetrachlorophenol	10.127	232	152931	37.531	ng		98
60)	Diethylphthalate	10.222	149	613177	37.266	ng		98
61)	4-Chlorophenyl-phenyle...	10.339	204	272687	36.452	ng		97
62)	4-Nitroaniline	10.374	138	157478	38.859	ng		99
63)	Azobenzene	10.504	77	605821	37.620	ng		99
65)	4,6-Dinitro-2-methylph...	10.410	198	96330	39.808	ng		96
66)	n-Nitrosodiphenylamine	10.463	169	516760	37.465	ng		98
67)	4-Bromophenyl-phenylether	10.833	248	172104	37.981	ng		99
68)	Hexachlorobenzene	10.898	284	171648	37.183	ng		95
69)	Atrazine	10.992	200	135945	36.630	ng		100
70)	Pentachlorophenol	11.098	266	93461	33.839	ng		98
71)	Phenanthrene	11.316	178	813660	37.760	ng		100
72)	Anthracene	11.369	178	838269	37.847	ng		99
73)	Carbazole	11.527	167	757582	37.573	ng		99
74)	Di-n-butylphthalate	11.857	149	922749	38.838	ng		100
75)	Fluoranthene	12.510	202	842172	37.509	ng		99
77)	Benzidine	12.633	184	170225	38.977	ng		99
78)	Pyrene	12.739	202	832322	41.009	ng		99
80)	Butylbenzylphthalate	13.363	149	310270	43.419	ng		96
81)	Benzo(a)anthracene	13.933	228	515424	37.444	ng		99
82)	3,3'-Dichlorobenzidine	13.898	252	170222	39.590	ng	#	97
83)	Chrysene	13.974	228	516298	37.725	ng		99
84)	Bis(2-ethylhexyl)phtha...	13.927	149	347775	47.426	ng		98
85)	Di-n-octyl phthalate	14.545	149	528831	45.380	ng		100
87)	Indeno(1,2,3-cd)pyrene	16.892	276	589744	39.172	ng		99
88)	Benzo(b)fluoranthene	14.986	252	448556	36.087	ng		99
89)	Benzo(k)fluoranthene	15.015	252	439056	35.758	ng		99
90)	Benzo(a)pyrene	15.351	252	448890	37.869	ng		99
91)	Dibenzo(a,h)anthracene	16.909	278	479717	38.943	ng		98
92)	Benzo(g,h,i)perylene	17.345	276	496199	38.570	ng		97

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

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