Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071923\
Data File : BF134355.D
Acq On : 19 Jul 2023 13:01
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :mohammad ahmed 07/20/2023

Quant Time: Jul 19 13:57:20 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 14 22:51:27 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	72147	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	261643	20.000	ng	0.00
39) Acenaphthene-d10	9.881	164	134896	20.000	ng	0.00
64) Phenanthrene-d10	11.375	188	265144	20.000	ng	0.00
76) Chrysene-d12	14.039	240	186886	20.000	ng	0.00
86) Perylene-d12	15.545	264	165841	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	342467	79.403	ng	0.00
7) Phenol-d6	6.487	99	418488	78.898	ng	0.00
23) Nitrobenzene-d5	7.410	82	415678	85.641	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	155331	91.840	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	802603	86.504	ng	0.00
79) Terphenyl-d14	12.974	244	896489	77.204	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.616	88	73772	41.482	ng	99
3) Pyridine	3.404	79	182858	39.475	ng	96
4) n-Nitrosodimethylamine	3.369	42	101925	38.525	ng	97
6) Aniline	6.510	93	249221	38.612	ng	91
8) 2-Chlorophenol	6.628	128	176003	40.199	ng	97
9) Benzaldehyde	6.398	77	118162	40.741	ng	95
10) Phenol	6.498	94	219241	39.312	ng	84
11) bis(2-Chloroethyl)ether	6.581	93	156546	38.127	ng	97
12) 1,3-Dichlorobenzene	6.781	146	188692	40.425	ng	99
13) 1,4-Dichlorobenzene	6.857	146	189858	40.270	ng	98
14) 1,2-Dichlorobenzene	7.010	146	179618	40.680	ng	99
15) Benzyl Alcohol	6.987	79	174005	42.554	ng	93
16) 2,2'-oxybis(1-Chloropr...	7.116	45	230677	31.757	ng	88
17) 2-Methylphenol	7.098	107	152535	38.906	ng	96
18) Hexachloroethane	7.345	117	72613	41.537	ng	97
19) n-Nitroso-di-n-propyla...	7.257	70	132877	39.503	ng	96
20) 3+4-Methylphenols	7.257	107	198272	41.686	ng	93
22) Acetophenone	7.251	105	255537	42.944	ng	98
24) Nitrobenzene	7.428	77	200336	40.845	ng	95
25) Isophorone	7.663	82	352165	39.922	ng	97
26) 2-Nitrophenol	7.739	139	98344	41.796	ng	95
27) 2,4-Dimethylphenol	7.781	122	149529	40.147	ng	93
28) bis(2-Chloroethoxy)met...	7.869	93	197667	38.699	ng	99
29) 2,4-Dichlorophenol	7.987	162	149958	40.603	ng	97
30) 1,2,4-Trichlorobenzene	8.063	180	161130	42.282	ng	98
31) Naphthalene	8.145	128	514023	40.672	ng	99
32) Benzoic acid	7.916	122	102620m	36.770	ng	
33) 4-Chloroaniline	8.198	127	219897	40.675	ng	96
34) Hexachlorobutadiene	8.251	225	109744	45.652	ng	98
35) Caprolactam	8.581	113	45032	37.031	ng	98
36) 4-Chloro-3-methylphenol	8.681	107	173184	41.741	ng	95
37) 2-Methylnaphthalene	8.834	142	365069	40.848	ng	100
38) 1-Methylnaphthalene	8.934	142	337809	40.659	ng	100
40) 1,2,4,5-Tetrachloroben...	9.004	216	170336	42.621	ng	98
41) Hexachlorocyclopentadiene	8.981	237	82588	43.559	ng	97
43) 2,4,6-Trichlorophenol	9.116	196	108905	40.030	ng	99

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44) 2,4,5-Trichlorophenol	9.163	196	126849	39.638	ng		97
46) 1,1'-Biphenyl	9.298	154	441280	40.780	ng		97
47) 2-Chloronaphthalene	9.328	162	317967	40.161	ng		97
48) 2-Nitroaniline	9.428	65	115331	39.970	ng		98
49) Acenaphthylene	9.745	152	537857	39.769	ng		98
50) Dimethylphthalate	9.604	163	394119	40.249	ng		100
51) 2,6-Dinitrotoluene	9.675	165	86375	40.954	ng		97
52) Acenaphthene	9.916	154	319473	40.709	ng		99
53) 3-Nitroaniline	9.845	138	95946	37.921	ng		98
54) 2,4-Dinitrophenol	9.957	184	46615	40.287	ng		93
55) Dibenzofuran	10.086	168	489397	39.903	ng		98
56) 4-Nitrophenol	10.016	139	57316	32.385	ng		93
57) 2,4-Dinitrotoluene	10.081	165	115215	41.365	ng		86
58) Fluorene	10.433	166	390999	40.977	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.210	232	99120	39.266	ng		99
60) Diethylphthalate	10.304	149	415212	40.700	ng		99
61) 4-Chlorophenyl-phenyle...	10.422	204	192675	41.901	ng		95
62) 4-Nitroaniline	10.463	138	97877	38.385	ng		88
63) Azobenzene	10.586	77	376487	39.014	ng		99
65) 4,6-Dinitro-2-methylph...	10.498	198	62841	43.472	ng		99
66) n-Nitrosodiphenylamine	10.545	169	340118	40.149	ng		98
67) 4-Bromophenyl-phenylether	10.916	248	120831	42.876	ng		97
68) Hexachlorobenzene	10.986	284	128810	43.048	ng		91
69) Atrazine	11.075	200	95748	40.861	ng		97
70) Pentachlorophenol	11.180	266	60293	33.700	ng		96
71) Phenanthrene	11.404	178	539058	40.386	ng		99
72) Anthracene	11.457	178	559349	40.290	ng		100
73) Carbazole	11.610	167	511909	40.284	ng		99
74) Di-n-butylphthalate	11.939	149	632388	41.848	ng		100
75) Fluoranthene	12.598	202	604408	41.885	ng		97
77) Benzidine	12.722	184	171120	38.481	ng		99
78) Pyrene	12.827	202	642712	36.954	ng		100
80) Butylbenzylphthalate	13.445	149	257138	39.421	ng		97
81) Benzo(a)anthracene	14.027	228	515031	39.737	ng		99
82) 3,3'-Dichlorobenzidine	13.992	252	163249	39.756	ng		98
83) Chrysene	14.068	228	489153	38.966	ng		99
84) Bis(2-ethylhexyl)phtha...	14.010	149	327459	43.689	ng		99
85) Di-n-octyl phthalate	14.627	149	479026	43.496	ng		98
87) Indeno(1,2,3-cd)pyrene	17.104	276	435536	37.847	ng	#	94
88) Benzo(b)fluoranthene	15.098	252	406782	41.714	ng		99
89) Benzo(k)fluoranthene	15.133	252	391740m	39.456	ng		
90) Benzo(a)pyrene	15.486	252	373115	39.568	ng	#	97
91) Dibenzo(a,h)anthracene	17.115	278	357758	38.062	ng		97
92) Benzo(g,h,i)perylene	17.574	276	351581	36.272	ng	#	96

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

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