Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052523\
Data File : BF133486.D
Acq On : 25 May 2023 12:36
Operator : CG\JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Quant Time: May 25 23:17:58 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 25 23:12:01 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.839	152	165377	20.000	ng		0.00
21) Naphthalene-d8	8.122	136	610866	20.000	ng	#	0.00
39) Acenaphthene-d10	9.880	164	283409	20.000	ng		0.00
64) Phenanthrene-d10	11.363	188	533837	20.000	ng		0.00
76) Chrysene-d12	14.010	240	340447	20.000	ng	#	0.00
86) Perylene-d12	15.462	264	272426	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.440	112	440968	44.489	ng		0.00
7) Phenol-d6	6.457	99	529942	43.432	ng		0.00
23) Nitrobenzene-d5	7.404	82	378847	41.409	ng		0.00
42) 2,4,6-Tribromophenol	10.663	330	123515	43.721	ng		0.00
45) 2-Fluorobiphenyl	9.198	172	877937	47.812	ng		0.00
79) Terphenyl-d14	12.951	244	868662	45.366	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.575	88	94861	21.191	ng		97
3) Pyridine	3.316	79	266446	21.228	ng		96
4) n-Nitrosodimethylamine	3.263	42	143707	20.994	ng		98
6) Aniline	6.498	93	354150	21.377	ng		99
8) 2-Chlorophenol	6.622	128	218748	22.397	ng		94
9) Benzaldehyde	6.387	77	153191	21.588	ng		96
10) Phenol	6.469	94	266982	21.812	ng		98
11) bis(2-Chloroethyl)ether	6.575	93	216703	21.413	ng		99
12) 1,3-Dichlorobenzene	6.781	146	242059	22.324	ng		97
13) 1,4-Dichlorobenzene	6.857	146	238781	21.966	ng		98
14) 1,2-Dichlorobenzene	7.010	146	225407	22.470	ng		97
15) Benzyl Alcohol	6.975	79	205038	22.134	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.116	45	414098	21.574	ng		100
17) 2-Methylphenol	7.081	107	197705	21.376	ng		99
18) Hexachloroethane	7.351	117	80737	21.479	ng		96
19) n-Nitroso-di-n-propyla...	7.251	70	161655	20.477	ng		98
20) 3+4-Methylphenols	7.239	107	249556	23.866	ng		96
22) Acetophenone	7.245	105	305608	21.724	ng	#	96
24) Nitrobenzene	7.422	77	208352	21.373	ng		99
25) Isophorone	7.657	82	429358	20.136	ng		99
26) 2-Nitrophenol	7.734	139	68644	18.591	ng		92
27) 2,4-Dimethylphenol	7.769	122	191854	21.147	ng		99
28) bis(2-Chloroethoxy)met...	7.875	93	260969	21.107	ng		98
29) 2,4-Dichlorophenol	7.975	162	178212	21.834	ng		95
30) 1,2,4-Trichlorobenzene	8.063	180	193926	21.965	ng		96
31) Naphthalene	8.145	128	643907	21.742	ng		98
32) Benzoic acid	7.857	122	80239	18.668	ng		96
33) 4-Chloroaniline	8.192	127	266669	21.009	ng		96
34) Hexachlorobutadiene	8.263	225	116000	21.600	ng		99
35) Caprolactam	8.551	113	54327	20.295	ng		96
36) 4-Chloro-3-methylphenol	8.663	107	190746	20.862	ng		99
37) 2-Methylnaphthalene	8.833	142	431970	21.363	ng		97
38) 1-Methylnaphthalene	8.933	142	404548	21.463	ng		99
40) 1,2,4,5-Tetrachloroben...	8.998	216	185587	22.094	ng		99
41) Hexachlorocyclopentadiene	8.986	237	92012	21.375	ng		98
43) 2,4,6-Trichlorophenol	9.110	196	118670	22.078	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.145	196	135735	21.757	ng		96
46) 1,1'-Biphenyl	9.298	154	514585	22.348	ng		97
47) 2-Chloronaphthalene	9.322	162	365863	21.924	ng		98
48) 2-Nitroaniline	9.416	65	88010	19.052	ng		95
49) Acenaphthylene	9.739	152	621762	21.833	ng		100
50) Dimethylphthalate	9.598	163	428051	21.490	ng		100
51) 2,6-Dinitrotoluene	9.657	165	64535	19.415	ng		97
52) Acenaphthene	9.910	154	373546	21.654	ng		98
53) 3-Nitroaniline	9.828	138	84666	19.831	ng		98
54) 2,4-Dinitrophenol	9.928	184	19651	19.318	ng		98
55) Dibenzofuran	10.080	168	564995	22.014	ng		100
56) 4-Nitrophenol	9.975	139	63247	18.559	ng		92
57) 2,4-Dinitrotoluene	10.057	165	73147	18.769	ng		98
58) Fluorene	10.427	166	410946	21.855	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.198	232	101905	21.689	ng		99
60) Diethylphthalate	10.298	149	446347	21.586	ng		98
61) 4-Chlorophenyl-phenyle...	10.422	204	204100	22.606	ng		93
62) 4-Nitroaniline	10.439	138	84874	19.622	ng		98
63) Azobenzene	10.580	77	445366	21.517	ng		99
65) 4,6-Dinitro-2-methylph...	10.463	198	27735	19.110	ng		93
66) n-Nitrosodiphenylamine	10.539	169	374360	21.600	ng		98
67) 4-Bromophenyl-phenylether	10.910	248	122459	21.600	ng		96
68) Hexachlorobenzene	10.969	284	125687	21.200	ng		96
69) Atrazine	11.063	200	103021	21.665	ng		98
70) Pentachlorophenol	11.163	266	75684	21.350	ng		99
71) Phenanthrene	11.386	178	591001	21.858	ng		100
72) Anthracene	11.439	178	614272	22.074	ng		99
73) Carbazole	11.592	167	564121	21.436	ng		99
74) Di-n-butylphthalate	11.927	149	687083	22.079	ng		100
75) Fluoranthene	12.574	202	642050	21.498	ng		99
77) Benzidine	12.698	184	213018	21.393	ng		99
78) Pyrene	12.804	202	644595	22.250	ng		99
80) Butylbenzylphthalate	13.433	149	248144	21.648	ng		96
81) Benzo(a)anthracene	13.998	228	498181	21.966	ng		98
82) 3,3'-Dichlorobenzidine	13.963	252	153618	21.668	ng	#	97
83) Chrysene	14.033	228	486976	21.270	ng		99
84) Bis(2-ethylhexyl)phtha...	13.998	149	316439	22.086	ng		100
85) Di-n-octyl phthalate	14.610	149	464080	19.444	ng		100
87) Indeno(1,2,3-cd)pyrene	16.915	276	382040	22.016	ng		100
88) Benzo(b)fluoranthene	15.039	252	371934	20.966	ng		99
89) Benzo(k)fluoranthene	15.068	252	388200	22.443	ng		99
90) Benzo(a)pyrene	15.404	252	344529	21.344	ng		98
91) Dibenzo(a,h)anthracene	16.939	278	309000	21.962	ng		98
92) Benzo(g,h,i)perylene	17.356	276	310729	21.903	ng		98

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

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