Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081423\
Data File : BG058714.D
Acq On : 14 Aug 2023 8:53
Operator : MA/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Quant Time: Aug 14 09:27:23 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 28 22:29:07 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.808	152	57809	20.000	ng	0.00
21) Naphthalene-d8	10.610	136	251302	20.000	ng	0.00
39) Acenaphthene-d10	14.459	164	178222	20.000	ng	0.00
64) Phenanthrene-d10	17.202	188	432100	20.000	ng	0.00
76) Chrysene-d12	21.450	240	368440	20.000	ng	0.00
86) Perylene-d12	24.517	264	471922	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	285741	75.549	ng	0.00
7) Phenol-d6	6.985	99	422955	80.366	ng	0.00
23) Nitrobenzene-d5	8.977	82	392947	76.814	ng	0.00
42) 2,4,6-Tribromophenol	15.951	330	218185	74.691	ng	0.00
45) 2-Fluorobiphenyl	13.078	172	871891	73.314	ng	0.00
79) Terphenyl-d14	19.823	244	1474688	75.268	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.266	88	66341	36.198	ng	98
3) Pyridine	3.665	79	195143	39.054	ng	99
4) n-Nitrosodimethylamine	3.583	42	83074	39.239	ng	98
6) Aniline	7.138	93	261696	40.388	ng	98
8) 2-Chlorophenol	7.373	128	149155	40.199	ng	97
9) Benzaldehyde	6.950	77	108618	37.988	ng	100
10) Phenol	7.008	94	207978	40.455	ng	98
11) bis(2-Chloroethyl)ether	7.232	93	162831	40.176	ng	99
12) 1,3-Dichlorobenzene	7.696	146	154365	38.961	ng	97
13) 1,4-Dichlorobenzene	7.849	146	154204	38.762	ng	100
14) 1,2-Dichlorobenzene	8.160	146	146887	38.619	ng	98
15) Benzyl Alcohol	8.054	79	152462	45.681	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.342	45	265594	40.342	ng	99
17) 2-Methylphenol	8.260	107	154220	41.027	ng	98
18) Hexachloroethane	8.889	117	55345	38.275	ng	95
19) n-Nitroso-di-n-propyla...	8.618	70	138479	40.736	ng	98
20) 3+4-Methylphenols	8.589	107	213949	42.078	ng	99
22) Acetophenone	8.636	105	260667	38.738	ng	99
24) Nitrobenzene	9.018	77	200000	38.457	ng	98
25) Isophorone	9.535	82	405194	38.336	ng	99
26) 2-Nitrophenol	9.729	139	87305	38.565	ng	99
27) 2,4-Dimethylphenol	9.788	122	147607	39.309	ng	98
28) bis(2-Chloroethoxy)met...	10.023	93	223225	38.808	ng	98
29) 2,4-Dichlorophenol	10.264	162	151299	38.806	ng	99
30) 1,2,4-Trichlorobenzene	10.475	180	167795	37.318	ng	99
31) Naphthalene	10.663	128	497329	37.548	ng	99
32) Benzoic acid	9.958	122	90589	33.160	ng	96
33) 4-Chloroaniline	10.775	127	227167	40.594	ng	97
34) Hexachlorobutadiene	10.939	225	107345	37.071	ng	97
35) Caprolactam	11.568	113	57598	40.005	ng	95
36) 4-Chloro-3-methylphenol	11.909	107	192480	39.909	ng	99
37) 2-Methylnaphthalene	12.273	142	364760	38.499	ng	97
38) 1-Methylnaphthalene	12.496	142	342654	38.047	ng	99
40) 1,2,4,5-Tetrachloroben...	12.649	216	202846	37.073	ng	98
41) Hexachlorocyclopentadiene	12.625	237	60627	28.637	ng	98
43) 2,4,6-Trichlorophenol	12.890	196	142259	37.800	ng	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.972	196	167277	37.736	ng	95
46) 1,1'-Biphenyl	13.289	154	454123	37.103	ng	99
47) 2-Chloronaphthalene	13.336	162	357377	37.449	ng	98
48) 2-Nitroaniline	13.548	65	143570	39.415	ng	96
49) Acenaphthylene	14.182	152	601830	37.668	ng	99
50) Dimethylphthalate	13.918	163	517873	38.691	ng	100
51) 2,6-Dinitrotoluene	14.041	165	114005	38.818	ng	96
52) Acenaphthene	14.523	154	349948	37.906	ng	97
53) 3-Nitroaniline	14.376	138	119356	40.620	ng	99
54) 2,4-Dinitrophenol	14.594	184	55355	37.792	ng	90
55) Dibenzofuran	14.858	168	595114	37.514	ng	98
56) 4-Nitrophenol	14.694	139	80309	38.677	ng	99
57) 2,4-Dinitrotoluene	14.835	165	162030	39.795	ng	95
58) Fluorene	15.510	166	475663	37.745	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.087	232	141674	37.455	ng	99
60) Diethylphthalate	15.275	149	527668	38.697	ng	100
61) 4-Chlorophenyl-phenyle...	15.499	204	266260	37.897	ng	98
62) 4-Nitroaniline	15.540	138	119002	42.753	ng	97
63) Azobenzene	15.792	77	514836	38.332	ng	99
65) 4,6-Dinitro-2-methylph...	15.604	198	96814	40.635	ng	96
66) n-Nitrosodiphenylamine	15.716	169	426786	37.949	ng	99
67) 4-Bromophenyl-phenylether	16.392	248	186835	38.122	ng	98
68) Hexachlorobenzene	16.515	284	192156	37.001	ng	99
69) Atrazine	16.668	200	145166	38.237	ng	100
70) Pentachlorophenol	16.862	266	118410	37.669	ng	95
71) Phenanthrene	17.249	178	770117	37.581	ng	100
72) Anthracene	17.338	178	788169	37.485	ng	98
73) Carbazole	17.614	167	724687	39.084	ng	100
74) Di-n-butylphthalate	18.166	149	901599	38.821	ng	99
75) Fluoranthene	19.265	202	930188	37.789	ng	99
77) Benzidine	19.447	184	263895	47.233	ng	98
78) Pyrene	19.629	202	944571	37.671	ng	99
80) Butylbenzylphthalate	20.510	149	402795	39.108	ng	99
81) Benzo(a)anthracene	21.433	228	973580	38.397	ng	99
82) 3,3'-Dichlorobenzidine	21.351	252	346582	40.427	ng	98
83) Chrysene	21.497	228	933747	38.409	ng	100
84) Bis(2-ethylhexyl)phtha...	21.333	149	592040	39.336	ng	98
85) Di-n-octyl phthalate	22.484	149	1032946	39.036	ng	99
87) Indeno(1,2,3-cd)pyrene	28.025	276	1213030	38.637	ng	100
88) Benzo(b)fluoranthene	23.548	252	984413	38.460	ng	99
89) Benzo(k)fluoranthene	23.613	252	1015228	39.482	ng	99
90) Benzo(a)pyrene	24.382	252	983301	39.118	ng	99
91) Dibenzo(a,h)anthracene	28.078	278	1009754	38.897	ng	99
92) Benzo(g,h,i)perylene	29.124	276	1010656	38.825	ng	99

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

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