Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082022\
Data File : BG054669.D
Acq On : 19 Aug 2022 19:04
Operator : CG/JU
Sample : SSTDICC020
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Quant Time: Aug 21 23:19:25 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Aug 21 23:16:14 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.161	152	75676	20.000	ng		0.00
21) Naphthalene-d8	10.987	136	308268	20.000	ng		0.00
39) Acenaphthene-d10	14.794	164	200865	20.000	ng		0.00
64) Phenanthrene-d10	17.538	188	437663	20.000	ng		0.00
76) Chrysene-d12	21.839	240	410226	20.000	ng		0.00
86) Perylene-d12	25.211	264	433567	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.693	112	170285	46.981	ng		0.00
7) Phenol-d6	7.297	99	243919	49.113	ng		0.00
23) Nitrobenzene-d5	9.336	82	218755	38.644	ng		0.00
42) 2,4,6-Tribromophenol	16.280	330	87592	20.769	ng		0.00
45) 2-Fluorobiphenyl	13.419	172	527725	37.063	ng		0.00
79) Terphenyl-d14	20.141	244	820879	39.697	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.548	88	41190	28.565	ng		98
3) Pyridine	3.954	79	108202	29.580	ng		96
4) n-Nitrosodimethylamine	3.871	42	50313	24.598	ng		94
6) Aniline	7.479	93	145590	25.396	ng		98
8) 2-Chlorophenol	7.720	128	94616	22.715	ng		97
9) Benzaldehyde	7.291	77	80321	28.790	ng		98
10) Phenol	7.326	94	123602	25.049	ng		100
11) bis(2-Chloroethyl)ether	7.573	93	99072	27.537	ng		99
12) 1,3-Dichlorobenzene	8.049	146	109377	21.552	ng		98
13) 1,4-Dichlorobenzene	8.196	146	110392	21.063	ng		99
14) 1,2-Dichlorobenzene	8.519	146	105318	21.310	ng		97
15) Benzyl Alcohol	8.396	79	86823	21.255	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.689	45	153458	33.867	ng		98
17) 2-Methylphenol	8.589	107	85248	23.969	ng		97
18) Hexachloroethane	9.259	117	38844	22.384	ng		95
19) n-Nitroso-di-n-propyla...	8.966	70	81599	24.604	ng		99
20) 3+4-Methylphenols	8.919	107	117509	23.449	ng		98
22) Acetophenone	8.989	105	152486	20.567	ng	#	99
24) Nitrobenzene	9.377	77	110333	19.944	ng		97
25) Isophorone	9.900	82	210466	21.378	ng		99
26) 2-Nitrophenol	10.094	139	39402	14.130	ng		98
27) 2,4-Dimethylphenol	10.135	122	84185	21.854	ng		99
28) bis(2-Chloroethoxy)met...	10.382	93	121024	24.374	ng		97
29) 2,4-Dichlorophenol	10.622	162	91188	15.683	ng		98
30) 1,2,4-Trichlorobenzene	10.846	180	106640	14.809	ng		97
31) Naphthalene	11.040	128	322195	20.821	ng		99
32) Benzoic acid	10.246	122	49492	40.277	ng		97
33) 4-Chloroaniline	11.139	127	132038	20.982	ng		99
34) Hexachlorobutadiene	11.316	225	67881	10.666	ng		98
35) Caprolactam	11.903	113	29524	20.166	ng		96
36) 4-Chloro-3-methylphenol	12.244	107	95657	18.083	ng		98
37) 2-Methylnaphthalene	12.632	142	226946	19.098	ng		99
38) 1-Methylnaphthalene	12.855	142	220558	19.048	ng		97
40) 1,2,4,5-Tetrachloroben...	12.990	216	119216	13.547	ng		99
41) Hexachlorocyclopentadiene	12.973	237	62201	30.127	ng		98
43) 2,4,6-Trichlorophenol	13.225	196	75345	15.724	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.296	196	86533	15.983	ng		99
46) 1,1'-Biphenyl	13.631	154	289051	21.034	ng		99
47) 2-Chloronaphthalene	13.678	162	218791	19.025	ng		98
48) 2-Nitroaniline	13.872	65	59869	19.948	ng		97
49) Acenaphthylene	14.518	152	365523	21.390	ng		100
50) Dimethylphthalate	14.242	163	291475	18.578	ng		99
51) 2,6-Dinitrotoluene	14.359	165	55522	16.134	ng		99
52) Acenaphthene	14.859	154	224067	21.654	ng		99
53) 3-Nitroaniline	14.694	138	63080	21.917	ng		97
54) 2,4-Dinitrophenol	14.888	184	19284	11.533	ng	#	85
55) Dibenzofuran	15.194	168	342862	18.622	ng		98
56) 4-Nitrophenol	14.976	139	48265	25.135	ng		98
57) 2,4-Dinitrotoluene	15.141	165	73919	14.983	ng		100
58) Fluorene	15.840	166	284421	18.789	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.411	232	76313	14.478	ng		98
60) Diethylphthalate	15.599	149	286953	19.065	ng		98
61) 4-Chlorophenyl-phenyle...	15.828	204	140942	14.184	ng		99
62) 4-Nitroaniline	15.852	138	65077	21.522	ng		98
63) Azobenzene	16.122	77	276195	25.397	ng		98
65) 4,6-Dinitro-2-methylph...	15.904	198	29643	10.963	ng		100
66) n-Nitrosodiphenylamine	16.040	169	247314	22.633	ng		99
67) 4-Bromophenyl-phenylether	16.721	248	91780	14.931	ng		98
68) Hexachlorobenzene	16.839	284	105759	15.045	ng		97
69) Atrazine	16.980	200	82280	16.921	ng		99
70) Pentachlorophenol	17.179	266	59096	21.486	ng		96
71) Phenanthrene	17.585	178	455524	20.900	ng		100
72) Anthracene	17.673	178	447413	20.919	ng		99
73) Carbazole	17.937	167	411390	23.363	ng		100
74) Di-n-butylphthalate	18.490	149	495784	23.859	ng		99
75) Fluoranthene	19.582	202	557918	18.778	ng		99
77) Benzidine	19.759	184	158714	21.363	ng		99
78) Pyrene	19.947	202	567357	24.103	ng		99
80) Butylbenzylphthalate	20.828	149	201006	27.402	ng		99
81) Benzo(a)anthracene	21.815	228	548518	21.064	ng		99
82) 3,3'-Dichlorobenzidine	21.721	252	163712	20.214	ng		96
83) Chrysene	21.886	228	512655	20.837	ng		100
84) Bis(2-ethylhexyl)phtha...	21.715	149	298586	28.767	ng		99
85) Di-n-octyl phthalate	22.984	149	490018	27.673	ng		100
87) Indeno(1,2,3-cd)pyrene	29.089	276	641358	19.445	ng		100
88) Benzo(b)fluoranthene	24.130	252	533232	20.796	ng		99
89) Benzo(k)fluoranthene	24.206	252	539846	21.155	ng		98
90) Benzo(a)pyrene	25.053	252	454354	20.749	ng		99
91) Dibenzo(a,h)anthracene	29.165	278	528786	19.497	ng		100
92) Benzo(g,h,i)perylene	30.299	276	523138	19.543	ng		98

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

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