Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120524\
Data File : BG063582.D
Acq On : 5 Dec 2024 14:36
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Quant Time: Dec 06 00:58:08 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG120524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 06 00:51:14 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.823	152	61178	20.000	ng		0.00
21) Naphthalene-d8	10.608	136	238587	20.000	ng	#	0.00
39) Acenaphthene-d10	14.463	164	209290	20.000	ng		0.00
64) Phenanthrene-d10	17.218	188	619021	20.000	ng		0.00
76) Chrysene-d12	21.478	240	741498	20.000	ng		0.00
86) Perylene-d12	24.510	264	765514	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.414	112	129963	38.192	ng		0.00
7) Phenol-d6	7.001	99	213888	40.299	ng		0.00
23) Nitrobenzene-d5	8.975	82	247882	40.657	ng		0.00
42) 2,4,6-Tribromophenol	15.961	330	126244	41.559	ng		0.00
45) 2-Fluorobiphenyl	13.082	172	568044	41.929	ng		0.00
79) Terphenyl-d14	19.850	244	1600549	43.605	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.323	88	32982	22.355	ng		88
3) Pyridine	3.710	79	81722m	19.671	ng		
4) n-Nitrosodimethylamine	3.628	42	41998	19.992	ng		88
6) Aniline	7.148	93	93136	21.043	ng		92
8) 2-Chlorophenol	7.388	128	65198	19.142	ng		95
9) Benzaldehyde	6.965	77	73269	21.404	ng		94
10) Phenol	7.024	94	109336	19.297	ng		90
11) bis(2-Chloroethyl)ether	7.247	93	77981	19.557	ng		95
12) 1,3-Dichlorobenzene	7.706	146	82949	20.134	ng		96
13) 1,4-Dichlorobenzene	7.858	146	86950	20.383	ng		89
14) 1,2-Dichlorobenzene	8.170	146	83998	20.011	ng		90
15) Benzyl Alcohol	8.058	79	92122	19.829	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.346	45	86225	18.737	ng		83
17) 2-Methylphenol	8.270	107	70794	19.485	ng	#	90
18) Hexachloroethane	8.898	117	34783	20.031	ng		96
19) n-Nitroso-di-n-propyla...	8.622	70	80417	19.715	ng		99
20) 3+4-Methylphenols	8.599	107	99327	19.787	ng		93
22) Acetophenone	8.640	105	147177	20.532	ng		97
24) Nitrobenzene	9.022	77	129610	19.760	ng		99
25) Isophorone	9.533	82	217783	20.124	ng		97
26) 2-Nitrophenol	9.727	139	37833	19.747	ng		93
27) 2,4-Dimethylphenol	9.797	122	47804	19.455	ng		94
28) bis(2-Chloroethoxy)met...	10.021	93	103976	19.294	ng		96
29) 2,4-Dichlorophenol	10.273	162	79900	19.453	ng		92
30) 1,2,4-Trichlorobenzene	10.479	180	109760	20.819	ng		94
31) Naphthalene	10.661	128	239085	19.802	ng		97
32) Benzoic acid	9.980	122	21710m	21.663	ng		
33) 4-Chloroaniline	10.773	127	80904	22.014	ng	#	89
34) Hexachlorobutadiene	10.949	225	93123	20.314	ng		89
35) Caprolactam	11.525	113	27612m	21.451	ng		
36) 4-Chloro-3-methylphenol	11.913	107	99593	19.878	ng		86
37) 2-Methylnaphthalene	12.277	142	185203	20.124	ng		97
38) 1-Methylnaphthalene	12.494	142	189229	20.575	ng	#	95
40) 1,2,4,5-Tetrachloroben...	12.653	216	167789	20.924	ng		99
41) Hexachlorocyclopentadiene	12.629	237	30495	16.611	ng		94
43) 2,4,6-Trichlorophenol	12.900	196	83101	19.970	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.970	196	97442	20.031	ng		97
46) 1,1'-Biphenyl	13.293	154	273239	20.245	ng		96
47) 2-Chloronaphthalene	13.334	162	225441	20.303	ng		98
48) 2-Nitroaniline	13.540	65	69099	19.856	ng		94
49) Acenaphthylene	14.180	152	327813	20.205	ng		98
50) Dimethylphthalate	13.916	163	297040	19.847	ng		100
51) 2,6-Dinitrotoluene	14.039	165	62137	20.165	ng		95
52) Acenaphthene	14.527	154	203278	19.960	ng		97
53) 3-Nitroaniline	14.374	138	52497	20.837	ng		91
54) 2,4-Dinitrophenol	14.586	184	27020	19.070	ng		91
55) Dibenzofuran	14.862	168	386342	20.540	ng		97
56) 4-Nitrophenol	14.698	139	36837	19.319	ng	#	80
57) 2,4-Dinitrotoluene	14.839	165	88750	19.723	ng		96
58) Fluorene	15.514	166	305978	20.245	ng		95
59) 2,3,4,6-Tetrachlorophenol	15.097	232	96930	20.333	ng	#	96
60) Diethylphthalate	15.285	149	288092	19.691	ng		98
61) 4-Chlorophenyl-phenyle...	15.508	204	208398	20.725	ng		98
62) 4-Nitroaniline	15.538	138	60178	21.169	ng		98
63) Azobenzene	15.802	77	369876	19.884	ng		97
65) 4,6-Dinitro-2-methylph...	15.608	198	61430	19.018	ng		95
66) n-Nitrosodiphenylamine	15.726	169	271334	19.288	ng		94
67) 4-Bromophenyl-phenylether	16.407	248	142102	19.136	ng		98
68) Hexachlorobenzene	16.525	284	159578	19.918	ng		93
69) Atrazine	16.678	200	84426	15.573	ng		90
70) Pentachlorophenol	16.877	266	61857	17.808	ng		95
71) Phenanthrene	17.259	178	590572	20.337	ng		99
72) Anthracene	17.353	178	584154	20.468	ng		97
73) Carbazole	17.624	167	523021	21.080	ng		96
74) Di-n-butylphthalate	18.188	149	521152	20.804	ng		100
75) Fluoranthene	19.280	202	899208	22.015	ng		99
77) Benzidine	19.468	184	175409	22.087	ng		99
78) Pyrene	19.645	202	936279	20.279	ng		98
80) Butylbenzylphthalate	20.544	149	184441	18.951	ng		99
81) Benzo(a)anthracene	21.454	228	952723	20.225	ng		98
82) 3,3'-Dichlorobenzidine	21.378	252	287202	20.385	ng		98
83) Chrysene	21.519	228	908372	20.269	ng		99
84) Bis(2-ethylhexyl)phtha...	21.372	149	280339	19.033	ng		99
85) Di-n-octyl phthalate	22.512	149	493584	19.251	ng		99
87) Indeno(1,2,3-cd)pyrene	27.929	276	1004164	20.023	ng	#	99
88) Benzo(b)fluoranthene	23.552	252	949180m	19.872	ng		
89) Benzo(k)fluoranthene	23.616	252	934856	20.235	ng		100
90) Benzo(a)pyrene	24.369	252	840203	20.468	ng		98
91) Dibenzo(a,h)anthracene	27.982	278	840958	20.342	ng		99
92) Benzo(g,h,i)perylene	28.998	276	852979	20.265	ng	#	95

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

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