Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120524\
Data File : BG063580.D
Acq On : 5 Dec 2024 13:21
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Quant Time: Dec 06 00:53:20 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	7.824	152	56404	20.000	ng		0.00
21) Naphthalene-d8	10.609	136	222786	20.000	ng	#	0.00
39) Acenaphthene-d10	14.463	164	210928	20.000	ng		0.00
64) Phenanthrene-d10	17.219	188	618659	20.000	ng	#	0.00
76) Chrysene-d12	21.478	240	701066	20.000	ng		0.00
86) Perylene-d12	24.510	264	726466	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.409	112	31292	9.974	ng		0.00
7) Phenol-d6	7.001	99	47081	9.621	ng		0.00
23) Nitrobenzene-d5	8.981	82	54773	9.621	ng		0.00
42) 2,4,6-Tribromophenol	15.961	330	33462	10.930	ng		0.00
45) 2-Fluorobiphenyl	13.076	172	145224	10.636	ng		0.00
79) Terphenyl-d14	19.845	244	398766	11.490	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.323	88	7199	5.293	ng		99
3) Pyridine	3.717	79	19667m	5.135	ng		
4) n-Nitrosodimethylamine	3.635	42	8824	4.556	ng	#	71
6) Aniline	7.148	93	23108	5.663	ng		95
8) 2-Chlorophenol	7.395	128	15647	4.983	ng		84
9) Benzaldehyde	6.966	77	17831	5.650	ng		94
10) Phenol	7.031	94	25147	4.814	ng		92
11) bis(2-Chloroethyl)ether	7.248	93	17994	4.895	ng	#	75
12) 1,3-Dichlorobenzene	7.712	146	20760	5.465	ng		98
13) 1,4-Dichlorobenzene	7.859	146	20029	5.093	ng		89
14) 1,2-Dichlorobenzene	8.176	146	21812m	5.636	ng		
15) Benzyl Alcohol	8.065	79	18361	4.287	ng	#	81
16) 2,2'-oxybis(1-Chloropr...	8.358	45	21344	5.031	ng		92
17) 2-Methylphenol	8.270	107	16018	4.782	ng		88
18) Hexachloroethane	8.899	117	9022	5.635	ng	#	84
19) n-Nitroso-di-n-propyla...	8.623	70	19060	5.068	ng	#	93
20) 3+4-Methylphenols	8.605	107	20916	4.519	ng		93
22) Acetophenone	8.640	105	35557	5.312	ng	#	96
24) Nitrobenzene	9.017	77	30703	5.013	ng		93
25) Isophorone	9.539	82	49510	4.899	ng	#	92
26) 2-Nitrophenol	9.739	139	8976m	5.017	ng		
27) 2,4-Dimethylphenol	9.792	122	12361	5.387	ng	#	82
28) bis(2-Chloroethoxy)met...	10.021	93	25847	5.136	ng	#	92
29) 2,4-Dichlorophenol	10.268	162	18964	4.944	ng		81
30) 1,2,4-Trichlorobenzene	10.480	180	27549	5.596	ng		90
31) Naphthalene	10.662	128	62580	5.551	ng	#	94
33) 4-Chloroaniline	10.779	127	18970	5.528	ng	#	83
34) Hexachlorobutadiene	10.950	225	24898	5.817	ng		97
35) Caprolactam	11.525	113	5887m	4.898	ng		
36) 4-Chloro-3-methylphenol	11.913	107	22783	4.870	ng		92
37) 2-Methylnaphthalene	12.277	142	47043m	5.474	ng		
38) 1-Methylnaphthalene	12.495	142	46390	5.402	ng		100
40) 1,2,4,5-Tetrachloroben...	12.648	216	42703	5.284	ng	#	95
43) 2,4,6-Trichlorophenol	12.894	196	19564	4.665	ng		89
44) 2,4,5-Trichlorophenol	12.977	196	24427m	4.982	ng		
46) 1,1'-Biphenyl	13.294	154	72597	5.337	ng		94

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
47) 2-Chloronaphthalene	13.335	162	56657	5.063	ng		94
48) 2-Nitroaniline	13.541	65	12566	3.583	ng	#	91
49) Acenaphthylene	14.187	152	83329	5.096	ng		97
50) Dimethylphthalate	13.917	163	78048	5.174	ng	#	95
51) 2,6-Dinitrotoluene	14.040	165	13536	4.359	ng	#	81
52) Acenaphthene	14.528	154	52741	5.138	ng		99
53) 3-Nitroaniline	14.369	138	11689	4.603	ng	#	75
55) Dibenzofuran	14.863	168	103936	5.483	ng		95
56) 4-Nitrophenol	14.710	139	8679	4.516	ng	#	49
57) 2,4-Dinitrotoluene	14.839	165	22877	5.044	ng	#	75
58) Fluorene	15.515	166	82052	5.387	ng		95
59) 2,3,4,6-Tetrachlorophenol	15.104	232	24088	5.014	ng		95
60) Diethylphthalate	15.286	149	77101	5.229	ng		95
61) 4-Chlorophenyl-phenyle...	15.509	204	54198	5.348	ng		94
62) 4-Nitroaniline	15.544	138	12088	4.219	ng	#	83
63) Azobenzene	15.803	77	93751	5.001	ng		98
65) 4,6-Dinitro-2-methylph...	15.609	198	12079	3.742	ng		88
66) n-Nitrosodiphenylamine	15.726	169	71120	5.059	ng		98
67) 4-Bromophenyl-phenylether	16.408	248	38439	5.179	ng		96
68) Hexachlorobenzene	16.525	284	41885	5.231	ng	#	91
69) Atrazine	16.672	200	30128	5.561	ng		99
71) Phenanthrene	17.260	178	154400	5.320	ng		99
72) Anthracene	17.354	178	150659	5.282	ng		99
73) Carbazole	17.624	167	125810	5.074	ng		96
74) Di-n-butylphthalate	18.188	149	127027	5.074	ng		97
75) Fluoranthene	19.281	202	224158	5.491	ng		96
77) Benzidine	19.469	184	56437	7.516	ng		97
78) Pyrene	19.645	202	237349	5.437	ng		93
80) Butylbenzylphthalate	20.544	149	41198	4.477	ng		96
81) Benzo(a)anthracene	21.455	228	239805	5.384	ng		97
82) 3,3'-Dichlorobenzidine	21.379	252	66428	4.987	ng	#	99
83) Chrysene	21.520	228	221301	5.223	ng		97
84) Bis(2-ethylhexyl)phtha...	21.373	149	64788	4.652	ng		99
85) Di-n-octyl phthalate	22.518	149	108750	4.486	ng	#	99
87) Indeno(1,2,3-cd)pyrene	27.936	276	245463	5.158	ng	#	74
88) Benzo(b)fluoranthene	23.547	252	234807	5.180	ng		94
89) Benzo(k)fluoranthene	23.617	252	224903	5.130	ng		98
90) Benzo(a)pyrene	24.369	252	196823	5.052	ng		95
91) Dibenzo(a,h)anthracene	27.983	278	198406	5.057	ng		96
92) Benzo(g,h,i)perylene	28.993	276	201297	5.039	ng		99

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

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