Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030624\
Data File : BG060574.D
Acq On : 6 Mar 2024 16:31
Operator : MA/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 03/07/2024
Supervised By :mohammad ahmed 03/08/2024

Quant Time: Mar 07 02:07:57 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 07 02:07:55 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.323	152	68338	20.000	ng		0.00
21) Naphthalene-d8	11.173	136	300849	20.000	ng		0.00
39) Acenaphthene-d10	14.951	164	209851	20.000	ng		0.00
64) Phenanthrene-d10	17.700	188	479125	20.000	ng		0.00
76) Chrysene-d12	22.019	240	440546	20.000	ng		0.00
86) Perylene-d12	25.579	264	490821	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.808	112	40011	9.415	ng		0.00
7) Phenol-d6	7.430	99	59901	9.522	ng		0.00
23) Nitrobenzene-d5	0.000	82	0d	0.000	ng		
42) 2,4,6-Tribromophenol	0.000	330	0d	0.000	ng		
45) 2-Fluorobiphenyl	13.576	172	167839	10.519	ng		0.00
79) Terphenyl-d14	20.280	244	273243	11.064	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.652	88	11229	5.980	ng		87
3) Pyridine	4.075	79	25843m	5.034	ng		
4) n-Nitrosodimethylamine	3.999	42	14509m	5.032	ng		
6) Aniline	7.641	93	32012	5.088	ng		95
8) 2-Chlorophenol	7.871	128	18642	4.233	ng		90
9) Benzaldehyde	7.465	77	22726	5.948	ng		93
10) Phenol	7.459	94	29073	4.699	ng		97
11) bis(2-Chloroethyl)ether	7.741	93	25024	5.016	ng		98
12) 1,3-Dichlorobenzene	8.205	146	28353	5.132	ng		94
13) 1,4-Dichlorobenzene	8.364	146	29334	5.208	ng		100
14) 1,2-Dichlorobenzene	8.681	146	26636	4.872	ng		95
15) Benzyl Alcohol	8.564	79	20726	4.531	ng		89
16) 2,2'-oxybis(1-Chloropr...	8.840	45	48477m	4.986	ng		
17) 2-Methylphenol	8.734	107	20988	4.728	ng		90
18) Hexachloroethane	9.410	117	8561	4.880	ng	#	86
19) n-Nitroso-di-n-propyla...	9.128	70	20770	4.881	ng		88
20) 3+4-Methylphenols	9.069	107	27221	4.534	ng		98
22) Acetophenone	9.169	105	41469	4.888	ng	#	98
24) Nitrobenzene	9.563	77	11314	2.777	ng	#	84
25) Isophorone	10.074	82	62786	5.064	ng		97
26) 2-Nitrophenol	10.274	139	4295	3.607	ng	#	77
27) 2,4-Dimethylphenol	10.291	122	19624	5.258	ng		95
28) bis(2-Chloroethoxy)met...	10.556	93	35580	5.087	ng		97
29) 2,4-Dichlorophenol	10.785	162	14611	6.516	ng		95
30) 1,2,4-Trichlorobenzene	11.014	180	27734	5.255	ng		98
31) Naphthalene	11.220	128	88243	5.088	ng		99
33) 4-Chloroaniline	11.337	127	33661	5.155	ng		97
34) Hexachlorobutadiene	11.455	225	18709	5.206	ng		89
35) Caprolactam	12.101	113	5876	3.947	ng	#	88
36) 4-Chloro-3-methylphenol	12.395	107	22456	4.130	ng		90
37) 2-Methylnaphthalene	12.800	142	60440	5.217	ng		93
38) 1-Methylnaphthalene	13.017	142	62662	5.408	ng	#	89
40) 1,2,4,5-Tetrachloroben...	13.141	216	31945	4.936	ng		98
43) 2,4,6-Trichlorophenol	13.382	196	11733m	6.263	ng		
44) 2,4,5-Trichlorophenol	13.446	196	13536	6.057	ng	#	89
46) 1,1'-Biphenyl	13.787	154	82738	5.047	ng		97

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Misc :
ALS Vial : 3 Sample Multiplier: 1

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
47) 2-Chloronaphthalene	13.840	162	65397	4.973	ng		98
48) 2-Nitroaniline	14.052	65	6889	6.812	ng	#	87
49) Acenaphthylene	14.680	152	99788	5.004	ng	#	92
50) Dimethylphthalate	14.392	163	72535	4.655	ng		96
51) 2,6-Dinitrotoluene	14.527	165	4774	5.850	ng	#	83
52) Acenaphthene	15.015	154	64844	5.235	ng		98
53) 3-Nitroaniline	14.862	138	5319	5.904	ng	#	89
55) Dibenzofuran	15.344	168	102426	5.220	ng		99
57) 2,4-Dinitrotoluene	15.303	165	7415	5.310	ng	#	86
58) Fluorene	15.996	166	83708	5.213	ng		91
59) 2,3,4,6-Tetrachlorophenol	15.550	232	11874	6.655	ng	#	88
60) Diethylphthalate	15.738	149	73993	4.501	ng	#	93
61) 4-Chlorophenyl-phenyle...	15.979	204	42621	5.311	ng		95
62) 4-Nitroaniline	16.020	138	6605	5.518	ng		99
63) Azobenzene	16.272	77	86373	5.034	ng		99
66) n-Nitrosodiphenylamine	16.196	169	71485	4.934	ng		98
67) 4-Bromophenyl-phenylether	16.878	248	27778	5.192	ng		90
68) Hexachlorobenzene	16.966	284	31941	5.064	ng		98
69) Atrazine	17.130	200	18728	5.196	ng		94
71) Phenanthrene	17.741	178	132173	5.191	ng		97
72) Anthracene	17.829	178	126493	5.007	ng		95
73) Carbazole	18.106	167	123628	5.206	ng		98
74) Di-n-butylphthalate	18.623	149	109070	4.072	ng		98
75) Fluoranthene	19.733	202	154263	5.122	ng		97
77) Benzidine	19.921	184	38661	7.754	ng		96
78) Pyrene	20.097	202	160008	5.078	ng		98
80) Butylbenzylphthalate	20.967	149	34593	6.306	ng		97
81) Benzo(a)anthracene	22.001	228	153096	5.036	ng		98
82) 3,3'-Dichlorobenzidine	21.907	252	41299	4.274	ng		91
83) Chrysene	22.072	228	153540	5.197	ng		94
84) Bis(2-ethylhexyl)phtha...	21.854	149	56721	5.877	ng	#	98
87) Indeno(1,2,3-cd)pyrene	29.692	276	162930m	4.784	ng		
88) Benzo(b)fluoranthene	24.422	252	148181	5.093	ng		99
89) Benzo(k)fluoranthene	24.504	252	139124	4.835	ng		97
90) Benzo(a)pyrene	25.403	252	122628	4.799	ng	#	95
91) Dibenzo(a,h)anthracene	29.786	278	126217	4.507	ng		98
92) Benzo(g,h,i)perylene	31.002	276	137369	4.817	ng		97

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

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