Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120723\
Data File : BG059988.D
Acq On : 7 Dec 2023 16:01
Operator : MA/JU
Sample : SSTDICC080
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 12/08/2023
Supervised By :mohammad ahmed 12/08/2023

Quant Time: Dec 08 02:26:57 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG120723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 08 02:26:54 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.962	152	125014	20.000	ng	# 0.00
21) Naphthalene-d8	10.765	136	459661	20.000	ng	0.00
39) Acenaphthene-d10	14.596	164	440755	20.000	ng	0.00
64) Phenanthrene-d10	17.345	188	1547502	20.000	ng	0.00
76) Chrysene-d12	21.623	240	2117524	20.000	ng	# 0.00
86) Perylene-d12	24.807	264	2316748	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.524	112	1003843	148.500	ng	0.00
7) Phenol-d6	7.122	99	1537283	161.749	ng	0.00
23) Nitrobenzene-d5	9.125	82	1706559	163.953	ng	0.00
42) 2,4,6-Tribromophenol	16.088	330	2198185	171.584	ng	0.00
45) 2-Fluorobiphenyl	13.227	172	5349871	145.855	ng	0.00
79) Terphenyl-d14	0.000	244	0d	0.000	ng	
Target Compounds						Qvalue
2) 1,4-Dioxane	3.444	88	214109	70.030	ng	98
3) Pyridine	3.832	79	681330m	80.323	ng	
4) n-Nitrosodimethylamine	3.749	42	313007	85.123	ng	# 72
6) Aniline	7.292	93	785905	77.570	ng	98
8) 2-Chlorophenol	7.527	128	510793	78.717	ng	96
9) Benzaldehyde	7.098	77	380972m	65.730	ng	
10) Phenol	7.145	94	750401	80.811	ng	98
11) bis(2-Chloroethyl)ether	7.386	93	479116	77.130	ng	97
12) 1,3-Dichlorobenzene	7.850	146	734173	80.033	ng	93
13) 1,4-Dichlorobenzene	7.997	146	747013	82.761	ng	96
14) 1,2-Dichlorobenzene	8.315	146	699976	81.344	ng	91
15) Benzyl Alcohol	8.197	79	694223	81.852	ng	94
16) 2,2'-oxybis(1-Chloropr...	8.491	45	255923	76.498	ng	97
17) 2-Methylphenol	8.397	107	506590	80.713	ng	96
18) Hexachloroethane	9.043	117	239764	81.861	ng	92
19) n-Nitroso-di-n-propyla...	8.773	70	518366	80.943	ng	98
20) 3+4-Methylphenols	8.732	107	729663	82.076	ng	97
22) Acetophenone	8.785	105	1046361	77.818	ng	97
24) Nitrobenzene	9.167	77	859920	79.975	ng	95
25) Isophorone	9.690	82	1462667	78.122	ng	98
26) 2-Nitrophenol	9.872	139	337176	80.646	ng	95
27) 2,4-Dimethylphenol	9.930	122	407366	72.210	ng	89
28) bis(2-Chloroethoxy)met...	10.177	93	698994	78.818	ng	98
29) 2,4-Dichlorophenol	10.406	162	844214	79.427	ng	99
30) 1,2,4-Trichlorobenzene	10.630	180	1224781	82.984	ng	99
31) Naphthalene	10.818	128	1852860	78.918	ng	98
32) Benzoic acid	10.095	122	472718m	82.591	ng	
33) 4-Chloroaniline	10.923	127	694659	78.624	ng	95
34) Hexachlorobutadiene	11.105	225	1301745	81.003	ng	96
35) Caprolactam	11.728	113	186773m	77.203	ng	
36) 4-Chloro-3-methylphenol	12.046	107	704971	75.617	ng	95
37) 2-Methylnaphthalene	12.427	142	1564131	76.909	ng	97
38) 1-Methylnaphthalene	12.645	142	1529490	79.175	ng	98
40) 1,2,4,5-Tetrachloroben...	12.792	216	2330696	82.684	ng	98
41) Hexachlorocyclopentadiene	12.774	237	1087492	82.568	ng	99
43) 2,4,6-Trichlorophenol	13.027	196	1171618	80.201	ng	98

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44) 2,4,5-Trichlorophenol	13.097	196	1315608	79.861	ng		99
46) 1,1'-Biphenyl	13.432	154	2497591	77.903	ng		97
47) 2-Chloronaphthalene	13.479	162	2165105	78.438	ng		97
48) 2-Nitroaniline	13.679	65	497440	92.311	ng		89
49) Acenaphthylene	14.325	152	2868457	77.072	ng		98
50) Dimethylphthalate	14.061	163	2716598	77.325	ng		97
51) 2,6-Dinitrotoluene	14.172	165	626922	81.070	ng	#	84
52) Acenaphthene	14.666	154	2177596m	80.706	ng		
53) 3-Nitroaniline	14.507	138	404706	76.520	ng	#	99
54) 2,4-Dinitrophenol	14.701	184	553160	86.056	ng		92
55) Dibenzofuran	15.001	168	3396894	77.488	ng		95
56) 4-Nitrophenol	14.801	139	336001	74.983	ng	#	80
57) 2,4-Dinitrotoluene	14.960	165	902771	81.520	ng		97
58) Fluorene	15.647	166	2991148	78.313	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.218	232	1481349	80.154	ng		99
60) Diethylphthalate	15.424	149	2465221	78.040	ng		98
61) 4-Chlorophenyl-phenyle...	15.641	204	2546897	79.427	ng		94
62) 4-Nitroaniline	15.677	138	447657	76.402	ng	#	88
63) Azobenzene	15.935	77	2265797	82.102	ng		95
65) 4,6-Dinitro-2-methylph...	15.724	198	881387	79.899	ng		98
66) n-Nitrosodiphenylamine	15.859	169	2948639	80.197	ng		99
67) 4-Bromophenyl-phenylether	16.534	248	2044296	84.201	ng		98
68) Hexachlorobenzene	16.652	284	2333665	82.636	ng		98
69) Atrazine	16.805	200	1012875	63.118	ng		95
70) Pentachlorophenol	16.993	266	1580163	79.938	ng		99
71) Phenanthrene	17.386	178	4921407m	69.467	ng		
72) Anthracene	17.486	178	5033407	70.298	ng		94
73) Carbazole	17.751	167	4222529	72.317	ng	#	89
74) Di-n-butylphthalate	18.321	149	3741594	71.725	ng	#	97
77) Benzidine	19.584	184	2071829	83.395	ng		99
80) Butylbenzylphthalate	20.665	149	1459036	72.972	ng		98
82) 3,3'-Dichlorobenzidine	21.517	252	3312941	68.749	ng		97
84) Bis(2-ethylhexyl)phtha...	21.517	149	2146618	72.936	ng		96
85) Di-n-octyl phthalate	22.727	149	3699016	72.720	ng		99
87) Indeno(1,2,3-cd)pyrene	28.473	276	12924123	76.570	ng		98
88) Benzo(b)fluoranthene	23.802	252	9520495	70.621	ng	#	86
89) Benzo(k)fluoranthene	23.879	252	8836509	67.635	ng	#	83
90) Benzo(a)pyrene	24.672	252	8716784	70.922	ng	#	89
91) Dibenzo(a,h)anthracene	28.544	278	10594803	74.525	ng		97
92) Benzo(g,h,i)perylene	29.619	276	10447479	75.409	ng		96

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

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