Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081823\
Data File : BG058778.D
Acq On : 18 Aug 2023 16:08
Operator : MA/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ICVBG081823

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023

Quant Time: Aug 21 01:45:17 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG081823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 21 01:40:57 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.811	152	29734	20.000	ng	0.00
21) Naphthalene-d8	10.608	136	123704	20.000	ng	0.00
39) Acenaphthene-d10	14.456	164	86715	20.000	ng	0.00
64) Phenanthrene-d10	17.206	188	210713	20.000	ng	0.00
76) Chrysene-d12	21.448	240	173300	20.000	ng	0.00
86) Perylene-d12	24.521	264	221597	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.379	112	154373	83.549	ng	0.00
7) Phenol-d6	6.983	99	219330	84.607	ng	0.00
23) Nitrobenzene-d5	8.980	82	209231	81.318	ng	0.00
42) 2,4,6-Tribromophenol	15.955	330	113037	83.135	ng	0.00
45) 2-Fluorobiphenyl	13.082	172	471115	79.019	ng	0.00
79) Terphenyl-d14	19.827	244	787399	81.584	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.270	88	36303	41.791	ng	90
3) Pyridine	3.669	79	96886	42.206	ng	94
4) n-Nitrosodimethylamine	3.587	42	50017	40.078	ng	94
6) Aniline	7.136	93	135254	42.681	ng	99
8) 2-Chlorophenol	7.377	128	78596	42.070	ng	96
9) Benzaldehyde	6.953	77	60202	41.401	ng	100
10) Phenol	7.012	94	107420	42.973	ng	95
11) bis(2-Chloroethyl)ether	7.235	93	80960	41.507	ng	98
12) 1,3-Dichlorobenzene	7.700	146	82743	41.697	ng	99
13) 1,4-Dichlorobenzene	7.847	146	84067	41.894	ng	98
14) 1,2-Dichlorobenzene	8.164	146	80014	41.255	ng	98
15) Benzyl Alcohol	8.052	79	83041	44.803	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.334	45	174893	42.074	ng	98
17) 2-Methylphenol	8.258	107	77823	42.388	ng	97
18) Hexachloroethane	8.886	117	31012	42.416	ng	98
19) n-Nitroso-di-n-propyla...	8.616	70	71405	42.612	ng	99
20) 3+4-Methylphenols	8.587	107	108484	43.950	ng	97
22) Acetophenone	8.634	105	135560	40.482	ng	99
24) Nitrobenzene	9.022	77	107093	41.848	ng	98
25) Isophorone	9.539	82	207609	40.574	ng	98
26) 2-Nitrophenol	9.727	139	45602	42.607	ng	97
27) 2,4-Dimethylphenol	9.791	122	73544	40.545	ng	96
28) bis(2-Chloroethoxy)met...	10.020	93	111104	40.992	ng	98
29) 2,4-Dichlorophenol	10.267	162	79407	42.602	ng	94
30) 1,2,4-Trichlorobenzene	10.473	180	90207	40.077	ng	100
31) Naphthalene	10.661	128	261116	40.201	ng	100
32) Benzoic acid	9.956	122	43458m	40.157	ng	
33) 4-Chloroaniline	10.778	127	116795	42.637	ng	98
34) Hexachlorobutadiene	10.943	225	61373	40.401	ng	98
35) Caprolactam	11.566	113	28349	42.444	ng	97
36) 4-Chloro-3-methylphenol	11.912	107	96881	41.796	ng	98
37) 2-Methylnaphthalene	12.277	142	188429	40.392	ng	99
38) 1-Methylnaphthalene	12.494	142	179845	40.613	ng	99
40) 1,2,4,5-Tetrachloroben...	12.647	216	108011	40.403	ng	99
41) Hexachlorocyclopentadiene	12.623	237	37449	40.494	ng	95
43) 2,4,6-Trichlorophenol	12.894	196	72816	42.807	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.970	196	84506	41.486	ng		94
46) 1,1'-Biphenyl	13.287	154	237846	39.816	ng		99
47) 2-Chloronaphthalene	13.334	162	189130	40.627	ng		100
48) 2-Nitroaniline	13.546	65	75912	42.936	ng		97
49) Acenaphthylene	14.180	152	312094	40.427	ng		98
50) Dimethylphthalate	13.916	163	269403	40.125	ng		99
51) 2,6-Dinitrotoluene	14.039	165	59605	42.256	ng		95
52) Acenaphthene	14.521	154	179059	39.691	ng		99
53) 3-Nitroaniline	14.374	138	60195	44.246	ng	#	91
54) 2,4-Dinitrophenol	14.592	184	27623	38.908	ng		95
55) Dibenzofuran	14.856	168	312025	40.095	ng		97
56) 4-Nitrophenol	14.691	139	38352	41.254	ng		98
57) 2,4-Dinitrotoluene	14.838	165	84154	42.774	ng		97
58) Fluorene	15.508	166	246047	39.728	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.091	232	69926	42.068	ng	#	95
60) Diethylphthalate	15.279	149	280092	40.461	ng		99
61) 4-Chlorophenyl-phenyle...	15.496	204	137700	40.114	ng		95
62) 4-Nitroaniline	15.543	138	60031	43.481	ng		96
63) Azobenzene	15.790	77	256630	40.373	ng		99
65) 4,6-Dinitro-2-methylph...	15.602	198	51000	42.820	ng		96
66) n-Nitrosodiphenylamine	15.720	169	219879	40.487	ng		98
67) 4-Bromophenyl-phenylether	16.389	248	94921	41.051	ng		100
68) Hexachlorobenzene	16.513	284	101424	40.756	ng		98
69) Atrazine	16.666	200	68903	35.850	ng		96
70) Pentachlorophenol	16.860	266	56912	43.613	ng		94
71) Phenanthrene	17.247	178	404338	39.971	ng		99
72) Anthracene	17.341	178	411466	40.556	ng		100
73) Carbazole	17.612	167	372062	40.047	ng		100
74) Di-n-butylphthalate	18.164	149	463819	39.575	ng		100
75) Fluoranthene	19.263	202	492743	39.280	ng		100
77) Benzidine	19.451	184	119250	38.395	ng		99
78) Pyrene	19.627	202	509246	42.174	ng		99
80) Butylbenzylphthalate	20.514	149	205997	42.064	ng		99
81) Benzo(a)anthracene	21.431	228	493843	40.938	ng		97
82) 3,3'-Dichlorobenzidine	21.354	252	165659	39.776	ng		100
83) Chrysene	21.495	228	472837	40.665	ng		100
84) Bis(2-ethylhexyl)phtha...	21.331	149	300309	41.811	ng		99
85) Di-n-octyl phthalate	22.482	149	517137	41.860	ng		100
87) Indeno(1,2,3-cd)pyrene	28.029	276	604745	40.336	ng	#	93
88) Benzo(b)fluoranthene	23.546	252	501469	40.785	ng		98
89) Benzo(k)fluoranthene	23.616	252	502566	39.634	ng		99
90) Benzo(a)pyrene	24.380	252	495339	40.915	ng		99
91) Dibenzo(a,h)anthracene	28.076	278	503819	40.896	ng		99
92) Benzo(g,h,i)perylene	29.116	276	500637	40.645	ng		99

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

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