Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011923\
Data File : BG056351.D
Acq On : 19 Jan 2023 17:43
Operator : CG/JU
Sample : 01172-02MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jan 20 01:35:37 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 19 00:31:30 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
TP-FMS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.307	152	39035	20.000	ng		0.00
21) Naphthalene-d8	11.133	136	142162	20.000	ng		0.00
39) Acenaphthene-d10	14.917	164	110745	20.000	ng		0.00
64) Phenanthrene-d10	17.655	188	302189	20.000	ng		0.00
76) Chrysene-d12	21.950	240	304703	20.000	ng	#	0.00
86) Perylene-d12	25.393	264	337116	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.828	112	289266	132.313	ng		0.00
7) Phenol-d6	7.449	99	368575	109.779	ng		0.00
23) Nitrobenzene-d5	9.482	82	226889	81.637	ng		0.00
42) 2,4,6-Tribromophenol	16.404	330	216412	154.297	ng		0.00
45) 2-Fluorobiphenyl	13.548	172	723146	90.170	ng		0.00
79) Terphenyl-d14	20.228	244	1654050	97.225	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.648	88	37965	38.019	ng	#	76
3) Pyridine	4.071	79	92883	30.539	ng	#	93
4) n-Nitrosodimethylamine	3.965	42	23671	38.260	ng	#	94
6) Aniline	7.620	93	67408	15.310	ng		99
8) 2-Chlorophenol	7.866	128	107768	49.537	ng		95
9) Benzaldehyde	7.432	77	46525	23.306	ng		96
10) Phenol	7.479	94	126655	37.198	ng		96
11) bis(2-Chloroethyl)ether	7.708	93	98118	42.523	ng		94
12) 1,3-Dichlorobenzene	8.195	146	127109m	48.007	ng		
13) 1,4-Dichlorobenzene	8.342	146	124490	46.821	ng		98
14) 1,2-Dichlorobenzene	8.666	146	120913	47.131	ng		96
15) Benzyl Alcohol	8.536	79	98615	40.358	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.818	45	19851	48.684	ng	#	72
17) 2-Methylphenol	8.742	107	100764	40.331	ng		95
18) Hexachloroethane	9.400	117	36868	45.645	ng		99
19) n-Nitroso-di-n-propyla...	9.106	70	72030	35.281	ng		98
20) 3+4-Methylphenols	9.071	107	136655	38.904	ng		97
22) Acetophenone	9.130	105	169939	42.277	ng	#	99
24) Nitrobenzene	9.523	77	109848	39.883	ng		93
25) Isophorone	10.040	82	220112	37.642	ng		98
26) 2-Nitrophenol	10.240	139	66907	47.479	ng		98
27) 2,4-Dimethylphenol	10.287	122	114875	44.694	ng		98
28) bis(2-Chloroethoxy)met...	10.516	93	124848	41.079	ng		98
29) 2,4-Dichlorophenol	10.781	162	133407	46.948	ng		99
30) 1,2,4-Trichlorobenzene	10.992	180	142229	44.107	ng		97
31) Naphthalene	11.186	128	325726	43.536	ng		99
32) Benzoic acid	10.416	122	55081m	28.883	ng		
33) 4-Chloroaniline	11.298	127	18004	5.040	ng	#	89
34) Hexachlorobutadiene	11.462	225	99037	42.703	ng		97
35) Caprolactam	12.056	113	33995m	35.335	ng		
36) 4-Chloro-3-methylphenol	12.391	107	122959	42.644	ng		99
37) 2-Methylnaphthalene	12.773	142	255914	40.510	ng		98
38) 1-Methylnaphthalene	12.984	142	240362	40.973	ng		97
40) 1,2,4,5-Tetrachloroben...	13.131	216	187476	45.167	ng		99
41) Hexachlorocyclopentadiene	13.107	237	223129	94.290	ng		96
43) 2,4,6-Trichlorophenol	13.366	196	133676	48.705	ng		97

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44)	2,4,5-Trichlorophenol	13.436	196	144080	44.377	ng		97
46)	1,1'-Biphenyl	13.754	154	378874	47.770	ng		99
47)	2-Chloronaphthalene	13.807	162	298820	47.733	ng		98
48)	2-Nitroaniline	14.000	65	63404	47.536	ng		93
49)	Acenaphthylene	14.647	152	472056	46.337	ng		99
50)	Dimethylphthalate	14.359	163	414085	46.318	ng		98
51)	2,6-Dinitrotoluene	14.482	165	89437	46.950	ng		94
52)	Acenaphthene	14.982	154	345957m	52.214	ng		
53)	3-Nitroaniline	14.817	138	31273	17.250	ng		99
54)	2,4-Dinitrophenol	15.023	184	117232	86.144	ng		96
55)	Dibenzofuran	15.317	168	497981	45.418	ng		98
56)	4-Nitrophenol	15.117	139	131767	94.502	ng		92
57)	2,4-Dinitrotoluene	15.270	165	131965	49.534	ng		90
58)	Fluorene	15.957	166	402875	45.683	ng		98
59)	2,3,4,6-Tetrachlorophenol	15.534	232	144726m	47.475	ng		
60)	Diethylphthalate	15.710	149	380197	45.348	ng		99
61)	4-Chlorophenyl-phenyle...	15.939	204	246105	44.718	ng		99
62)	4-Nitroaniline	15.975	138	87929	47.348	ng		91
63)	Azobenzene	16.233	77	274233	42.387	ng		97
65)	4,6-Dinitro-2-methylph...	16.033	198	88295	43.368	ng		96
66)	n-Nitrosodiphenylamine	16.157	169	377320	45.003	ng		96
67)	4-Bromophenyl-phenylether	16.832	248	171999	44.697	ng		98
68)	Hexachlorobenzene	16.962	284	175923	49.001	ng		99
69)	Atrazine	17.091	200	173975	50.068	ng		99
70)	Pentachlorophenol	17.308	266	232499	84.304	ng		97
71)	Phenanthrene	17.696	178	733276	46.824	ng		99
72)	Anthracene	17.790	178	746703	46.222	ng		99
73)	Carbazole	18.055	167	678001	49.929	ng		98
74)	Di-n-butylphthalate	18.583	149	677962	50.084	ng		100
75)	Fluoranthene	19.688	202	961788	47.083	ng		99
77)	Benzidine	19.852	184	96313	9.020	ng		98
78)	Pyrene	20.052	202	992860	46.229	ng		99
80)	Butylbenzylphthalate	20.910	149	295540	47.966	ng		95
81)	Benzo(a)anthracene	21.932	228	988785	46.202	ng		99
82)	3,3'-Dichlorobenzidine	21.827	252	135693	17.613	ng		97
83)	Chrysene	22.003	228	922819	46.033	ng		99
84)	Bis(2-ethylhexyl)phtha...	21.791	149	427839	48.197	ng		99
85)	Di-n-octyl phthalate	23.072	149	717846	47.902	ng		100
87)	Indeno(1,2,3-cd)pyrene	29.359	276	1165313	47.530	ng	#	97
88)	Benzo(b)fluoranthene	24.294	252	1040696	48.587	ng		99
89)	Benzo(k)fluoranthene	24.365	252	1005673	47.150	ng		99
90)	Benzo(a)pyrene	25.228	252	910018	43.560	ng		99
91)	Dibenzo(a,h)anthracene	29.418	278	978709	47.614	ng		99
92)	Benzo(g,h,i)perylene	30.605	276	941451	47.230	ng		99

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

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