Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012423\
Data File : BG056406.D
Acq On : 24 Jan 2023 17:07
Operator : CG/JU
Sample : 01260-22MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jan 25 05:32:17 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 25 04:54:56 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
TP-28MS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.290	152	33275	20.000	ng	0.00
21) Naphthalene-d8	11.128	136	125006	20.000	ng	# 0.00
39) Acenaphthene-d10	14.912	164	108989	20.000	ng	0.00
64) Phenanthrene-d10	17.650	188	295003	20.000	ng	0.00
76) Chrysene-d12	21.933	240	275238	20.000	ng	# 0.00
86) Perylene-d12	25.359	264	302829	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.817	112	195285	104.788	ng	0.00
7) Phenol-d6	7.439	99	279357	97.609	ng	0.00
23) Nitrobenzene-d5	9.471	82	140344	57.428	ng	0.00
42) 2,4,6-Tribromophenol	16.393	330	158052	114.503	ng	0.00
45) 2-Fluorobiphenyl	13.537	172	491033	62.214	ng	0.00
79) Terphenyl-d14	20.218	244	1067548	69.468	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.614	88	30016	35.262	ng	# 90
3) Pyridine	4.037	79	79751	30.761	ng	# 92
4) n-Nitrosodimethylamine	3.949	42	19950	37.828	ng	91
6) Aniline	7.603	93	69532	18.526	ng	94
8) 2-Chlorophenol	7.856	128	88574	47.762	ng	97
9) Benzaldehyde	7.421	77	36375m	21.375	ng	
10) Phenol	7.468	94	128143	44.150	ng	96
11) bis(2-Chloroethyl)ether	7.697	93	74762	38.010	ng	96
12) 1,3-Dichlorobenzene	8.179	146	100716	44.623	ng	95
13) 1,4-Dichlorobenzene	8.326	146	102420	45.189	ng	98
14) 1,2-Dichlorobenzene	8.655	146	99459	45.479	ng	100
15) Benzyl Alcohol	8.526	79	78105m	37.497	ng	
16) 2,2'-oxybis(1-Chloropr...	8.813	45	16763	48.227	ng	# 73
17) 2-Methylphenol	8.731	107	86679	40.699	ng	96
18) Hexachloroethane	9.389	117	30981	44.996	ng	90
19) n-Nitroso-di-n-propyla...	9.095	70	59156	33.991	ng	98
20) 3+4-Methylphenols	9.060	107	121814	40.682	ng	98
22) Acetophenone	9.119	105	139261	39.400	ng	96
24) Nitrobenzene	9.513	77	90937	37.549	ng	95
25) Isophorone	10.036	82	185064	35.992	ng	94
26) 2-Nitrophenol	10.224	139	55620	44.886	ng	92
27) 2,4-Dimethylphenol	10.276	122	103616	45.846	ng	97
28) bis(2-Chloroethoxy)met...	10.506	93	104695	39.176	ng	100
29) 2,4-Dichlorophenol	10.770	162	117258	46.928	ng	98
30) 1,2,4-Trichlorobenzene	10.987	180	118795	41.896	ng	98
31) Naphthalene	11.175	128	280269	42.601	ng	99
32) Benzoic acid	10.423	122	65590m	39.113	ng	
33) 4-Chloroaniline	11.281	127	69916	22.259	ng	96
34) Hexachlorobutadiene	11.451	225	80183	39.318	ng	97
35) Caprolactam	12.051	113	37709m	44.575	ng	
36) 4-Chloro-3-methylphenol	12.380	107	116202	45.831	ng	97
37) 2-Methylnaphthalene	12.762	142	224392	40.395	ng	99
38) 1-Methylnaphthalene	12.979	142	212237m	41.144	ng	
40) 1,2,4,5-Tetrachloroben...	13.120	216	163374	39.995	ng	100
41) Hexachlorocyclopentadiene	13.097	237	180301	77.419	ng	98
43) 2,4,6-Trichlorophenol	13.355	196	120799	44.722	ng	98

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44) 2,4,5-Trichlorophenol	13.432	196	133588	41.809	ng		99
46) 1,1'-Biphenyl	13.749	154	334528	42.858	ng		98
47) 2-Chloronaphthalene	13.796	162	268524	43.585	ng		96
48) 2-Nitroaniline	13.996	65	57337	43.680	ng		94
49) Acenaphthylene	14.636	152	436723	43.560	ng		99
50) Dimethylphthalate	14.348	163	369224	41.966	ng		99
51) 2,6-Dinitrotoluene	14.477	165	81334	43.384	ng		93
52) Acenaphthene	14.977	154	318878m	48.902	ng		
53) 3-Nitroaniline	14.806	138	47156	26.430	ng		93
54) 2,4-Dinitrophenol	15.018	184	122423	91.408	ng		96
55) Dibenzofuran	15.306	168	458276	42.470	ng		97
56) 4-Nitrophenol	15.112	139	128060	93.323	ng		86
57) 2,4-Dinitrotoluene	15.265	165	120999	46.150	ng	#	85
58) Fluorene	15.952	166	374518	43.152	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.529	232	132185	44.060	ng		96
60) Diethylphthalate	15.699	149	352970	42.779	ng		99
61) 4-Chlorophenyl-phenyle...	15.929	204	226491	41.817	ng		99
62) 4-Nitroaniline	15.970	138	79315	43.397	ng		94
63) Azobenzene	16.222	77	259493	40.754	ng		97
65) 4,6-Dinitro-2-methylph...	16.028	198	85131	42.832	ng		94
66) n-Nitrosodiphenylamine	16.146	169	349133	42.655	ng		98
67) 4-Bromophenyl-phenylether	16.822	248	157206	41.848	ng		97
68) Hexachlorobenzene	16.951	284	163354	46.609	ng		99
69) Atrazine	17.080	200	151892	44.777	ng		96
70) Pentachlorophenol	17.298	266	198076	73.572	ng		98
71) Phenanthrene	17.691	178	660461	43.201	ng		98
72) Anthracene	17.779	178	677734	42.975	ng		99
73) Carbazole	18.044	167	588298	44.379	ng		99
74) Di-n-butylphthalate	18.573	149	600798	45.465	ng		99
75) Fluoranthene	19.677	202	811759	40.706	ng		99
77) Benzidine	19.848	184	220755	22.887	ng		99
78) Pyrene	20.041	202	825390	42.546	ng		99
80) Butylbenzylphthalate	20.893	149	244315	43.897	ng		97
81) Benzo(a)anthracene	21.916	228	812016	42.004	ng		98
82) 3,3'-Dichlorobenzidine	21.816	252	148470	21.335	ng	#	96
83) Chrysene	21.986	228	753299	41.600	ng		98
84) Bis(2-ethylhexyl)phtha...	21.775	149	345437	43.080	ng		99
85) Di-n-octyl phthalate	23.044	149	584710	43.195	ng		100
87) Indeno(1,2,3-cd)pyrene	29.319	276	951372	43.198	ng	#	97
88) Benzo(b)fluoranthene	24.272	252	828995	43.086	ng		99
89) Benzo(k)fluoranthene	24.342	252	825051	43.062	ng		98
90) Benzo(a)pyrene	25.200	252	742808	39.582	ng	#	98
91) Dibenzo(a,h)anthracene	29.378	278	805097	43.602	ng		100
92) Benzo(g,h,i)perylene	30.559	276	771791	43.103	ng		98

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

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