Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122322\
Data File : BG056079.D
Acq On : 23 Dec 2022 15:07
Operator : CG/JU
Sample : N6157-02MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Dec 24 00:05:17 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 23 05:09:54 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
20221419-COMPOSITE-BMS

Manual Integrations APPROVED
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Yogesh Patel 12/26/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.355	152	8175	20.000	ng		0.00
21) Naphthalene-d8	11.187	136	29963	20.000	ng	#	0.00
39) Acenaphthene-d10	14.965	164	29292	20.000	ng		0.00
64) Phenanthrene-d10	17.709	188	89843	20.000	ng		0.00
76) Chrysene-d12	22.016	240	96102	20.000	ng	#	0.00
86) Perylene-d12	25.500	264	118306	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.876	112	47427	136.055	ng		0.00
7) Phenol-d6	7.491	99	58999	131.597	ng		0.00
23) Nitrobenzene-d5	9.530	82	37203	86.768	ng		0.00
42) 2,4,6-Tribromophenol	16.446	330	92480	130.933	ng		0.00
45) 2-Fluorobiphenyl	13.596	172	120096	57.501	ng		0.00
79) Terphenyl-d14	20.276	244	298320	54.863	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.690	88	5467	53.891	ng		96
3) Pyridine	4.107	79	14645	43.867	ng		92
4) n-Nitrosodimethylamine	4.019	42	13022	43.391	ng		86
6) Aniline	7.668	93	21058	39.230	ng		95
8) 2-Chlorophenol	7.914	128	22255	49.486	ng		96
9) Benzaldehyde	7.480	77	12868	45.702	ng		94
10) Phenol	7.515	94	25090	51.134	ng		98
11) bis(2-Chloroethyl)ether	7.756	93	14938	46.738	ng		93
12) 1,3-Dichlorobenzene	8.243	146	27136	46.645	ng		96
13) 1,4-Dichlorobenzene	8.390	146	27520	46.288	ng		98
14) 1,2-Dichlorobenzene	8.714	146	26283	46.257	ng		96
15) Benzyl Alcohol	8.584	79	21735	46.656	ng		93
16) 2,2'-oxybis(1-Chloropr...	8.884	45	21785	52.370	ng		99
17) 2-Methylphenol	8.784	107	18589	48.150	ng		95
18) Hexachloroethane	9.460	117	8912	49.382	ng		95
19) n-Nitroso-di-n-propyla...	9.160	70	14278	44.430	ng		93
20) 3+4-Methylphenols	9.113	107	26398	47.916	ng		94
22) Acetophenone	9.184	105	33778	45.476	ng		100
24) Nitrobenzene	9.571	77	23671	54.848	ng		95
25) Isophorone	10.094	82	43277	48.135	ng		99
26) 2-Nitrophenol	10.288	139	14992	58.681	ng	#	91
27) 2,4-Dimethylphenol	10.329	122	23418m	54.578	ng		
28) bis(2-Chloroethoxy)met...	10.570	93	21660	54.510	ng		98
29) 2,4-Dichlorophenol	10.823	162	30523	50.120	ng		99
30) 1,2,4-Trichlorobenzene	11.046	180	35329	44.626	ng		97
31) Naphthalene	11.240	128	70509	44.598	ng		99
32) Benzoic acid	10.447	122	20826	55.639	ng		88
33) 4-Chloroaniline	11.340	127	16098	23.752	ng		98
34) Hexachlorobutadiene	11.516	225	30844	41.442	ng		93
35) Caprolactam	12.098	113	8394m	49.470	ng		
36) 4-Chloro-3-methylphenol	12.427	107	29730	52.061	ng		90
37) 2-Methylnaphthalene	12.820	142	62114	44.469	ng		98
38) 1-Methylnaphthalene	13.038	142	57398	42.182	ng		95
40) 1,2,4,5-Tetrachloroben...	13.179	216	54473	44.076	ng		99
41) Hexachlorocyclopentadiene	13.155	237	66618	95.016	ng		98
43) 2,4,6-Trichlorophenol	13.408	196	37600	51.395	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.479	196	41828	50.720	ng		97
46) 1,1'-Biphenyl	13.808	154	92667	46.672	ng		96
47) 2-Chloronaphthalene	13.855	162	72819	45.137	ng		96
48) 2-Nitroaniline	14.048	65	20440	63.317	ng		91
49) Acenaphthylene	14.695	152	118068	45.850	ng		99
50) Dimethylphthalate	14.407	163	113832	44.949	ng		98
51) 2,6-Dinitrotoluene	14.530	165	24206	61.766	ng		92
52) Acenaphthene	15.036	154	96726	55.951	ng		93
53) 3-Nitroaniline	14.859	138	13929	34.943	ng	#	94
54) 2,4-Dinitrophenol	15.065	184	39169	134.443	ng	#	80
55) Dibenzofuran	15.365	168	133704	45.992	ng		97
56) 4-Nitrophenol	15.153	139	38018	119.017	ng		96
57) 2,4-Dinitrotoluene	15.312	165	36828	62.256	ng	#	91
58) Fluorene	16.005	166	107850	45.383	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.582	232	48317	51.284	ng		100
60) Diethylphthalate	15.758	149	109900	44.399	ng		98
61) 4-Chlorophenyl-phenyle...	15.987	204	74826	46.220	ng		98
62) 4-Nitroaniline	16.017	138	22620	52.107	ng		99
63) Azobenzene	16.281	77	71014	47.136	ng		97
65) 4,6-Dinitro-2-methylph...	16.070	198	26132	60.888	ng		83
66) n-Nitrosodiphenylamine	16.205	169	103063	43.775	ng		97
67) 4-Bromophenyl-phenylether	16.886	248	57133	43.398	ng		94
68) Hexachlorobenzene	17.010	284	69674	42.967	ng		96
69) Atrazine	17.139	200	52387	49.142	ng		97
70) Pentachlorophenol	17.350	266	90388	97.502	ng		95
71) Phenanthrene	17.750	178	206402	43.838	ng		99
72) Anthracene	17.838	178	207995	44.653	ng		99
73) Carbazole	18.103	167	172418	44.881	ng		98
74) Di-n-butylphthalate	18.637	149	190141	42.559	ng		98
75) Fluoranthene	19.736	202	275589	41.801	ng		99
77) Benzidine	19.900	184	66536	39.424	ng		98
78) Pyrene	20.100	202	278224	47.844	ng		98
80) Butylbenzylphthalate	20.964	149	82961	50.346	ng		99
81) Benzo(a)anthracene	21.992	228	310795	45.959	ng		99
82) 3,3'-Dichlorobenzidine	21.892	252	87456	35.945	ng		97
83) Chrysene	22.063	228	290871	45.894	ng		99
84) Bis(2-ethylhexyl)phtha...	21.863	149	116718	47.676	ng		99
85) Di-n-octyl phthalate	23.167	149	201689	48.567	ng		99
87) Indeno(1,2,3-cd)pyrene	29.524	276	405711	42.646	ng		100
88) Benzo(b)fluoranthene	24.389	252	346157	45.210	ng		99
89) Benzo(k)fluoranthene	24.460	252	334529	43.792	ng		99
90) Benzo(a)pyrene	25.335	252	301891	46.646	ng		98
91) Dibenzo(a,h)anthracene	29.601	278	339821	42.677	ng		95
92) Benzo(g,h,i)perylene	30.788	276	329222	42.763	ng		97

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

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