Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011723\
Data File : BG056322.D
Acq On : 17 Jan 2023 20:51
Operator : CG/JU
Sample : 01167-01MSD 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Jan 18 03:24:32 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 12 03:38:40 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
EO-3-011623MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/18/2023
Supervised By :Jagrut Upadhyay 01/18/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.323	152	65925	20.000	ng		0.00
21) Naphthalene-d8	11.155	136	236413	20.000	ng		0.00
39) Acenaphthene-d10	14.933	164	166071	20.000	ng		0.00
64) Phenanthrene-d10	17.671	188	371547	20.000	ng		0.00
76) Chrysene-d12	21.972	240	351637	20.000	ng	#	0.01
86) Perylene-d12	25.432	264	270072	20.000	ng		0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.843	112	72989	19.768	ng		0.02
7) Phenol-d6	7.459	99	102286	18.039	ng		0.01
23) Nitrobenzene-d5	9.492	82	55584	12.026	ng		0.00
42) 2,4,6-Tribromophenol	16.413	330	37710	17.929	ng		0.00
45) 2-Fluorobiphenyl	13.558	172	159731	13.282	ng		0.00
79) Terphenyl-d14	20.244	244	244692	12.463	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.652	88	10431	6.185	ng	#	97
3) Pyridine	4.075	79	28575	5.563	ng	#	90
4) n-Nitrosodimethylamine	3.981	42	6762	6.472	ng	#	73
6) Aniline	7.630	93	19822	2.666	ng		97
8) 2-Chlorophenol	7.882	128	32989	8.979	ng		92
9) Benzaldehyde	7.442	77	16468	4.884	ng	#	83
10) Phenol	7.489	94	48779	8.483	ng		98
11) bis(2-Chloroethyl)ether	7.724	93	32226	8.270	ng		94
12) 1,3-Dichlorobenzene	8.211	146	40456	9.047	ng		97
13) 1,4-Dichlorobenzene	8.358	146	40467	9.012	ng		96
14) 1,2-Dichlorobenzene	8.681	146	38599	8.909	ng		96
15) Benzyl Alcohol	8.552	79	28691	6.952	ng		92
16) 2,2'-oxybis(1-Chloropr...	8.834	45	5884	8.544	ng		82
17) 2-Methylphenol	8.758	107	34020	8.063	ng		95
18) Hexachloroethane	9.416	117	11977	8.780	ng		93
19) n-Nitroso-di-n-propyla...	9.116	70	23113	6.703	ng	#	94
20) 3+4-Methylphenols	9.081	107	45780	7.717	ng		92
22) Acetophenone	9.145	105	58704	8.782	ng		98
24) Nitrobenzene	9.539	77	37004	8.079	ng		96
25) Isophorone	10.056	82	69032	7.099	ng	#	92
26) 2-Nitrophenol	10.250	139	18462	7.878	ng		96
27) 2,4-Dimethylphenol	10.297	122	36011	8.425	ng		97
28) bis(2-Chloroethoxy)met...	10.532	93	40299	7.973	ng		96
29) 2,4-Dichlorophenol	10.791	162	40416	8.553	ng		93
30) 1,2,4-Trichlorobenzene	11.008	180	49375	9.207	ng		97
31) Naphthalene	11.202	128	119976	9.643	ng		97
32) Benzoic acid	10.391	122	20251	6.385	ng		85
33) 4-Chloroaniline	11.308	127	17724	2.984	ng		96
34) Hexachlorobutadiene	11.478	225	33966	8.807	ng		97
35) Caprolactam	12.054	113	10911	6.820	ng		81
36) 4-Chloro-3-methylphenol	12.400	107	36647	7.643	ng		99
37) 2-Methylnaphthalene	12.782	142	89292	8.499	ng		99
38) 1-Methylnaphthalene	13.000	142	82704	8.477	ng		95
40) 1,2,4,5-Tetrachloroben...	13.147	216	60917	9.787	ng		99
43) 2,4,6-Trichlorophenol	13.376	196	37936	9.217	ng		99
44) 2,4,5-Trichlorophenol	13.452	196	40684	8.356	ng	#	95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	13.769	154	114739	9.647	ng		99
47) 2-Chloronaphthalene	13.822	162	89148	9.496	ng		99
48) 2-Nitroaniline	14.010	65	18929	9.464	ng		91
49) Acenaphthylene	14.662	152	131005	8.575	ng		98
50) Dimethylphthalate	14.369	163	104879	7.823	ng		98
51) 2,6-Dinitrotoluene	14.498	165	19870	6.956	ng		96
52) Acenaphthene	14.997	154	88218	8.879	ng		97
53) 3-Nitroaniline	14.821	138	17394	6.398	ng		97
55) Dibenzofuran	15.326	168	145272	8.835	ng		96
56) 4-Nitrophenol	15.127	139	32589	15.586	ng		90
57) 2,4-Dinitrotoluene	15.279	165	26148	6.545	ng	#	94
58) Fluorene	15.973	166	125766	9.510	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.550	232	35670	7.803	ng	#	88
60) Diethylphthalate	15.714	149	93448	7.433	ng		98
61) 4-Chlorophenyl-phenyle...	15.955	204	64630	7.831	ng		98
62) 4-Nitroaniline	15.979	138	23720	8.517	ng		96
63) Azobenzene	16.243	77	76107	7.844	ng		95
66) n-Nitrosodiphenylamine	16.167	169	98314	9.537	ng		99
67) 4-Bromophenyl-phenylether	16.848	248	42388	8.959	ng		97
68) Hexachlorobenzene	16.977	284	41326	9.362	ng		94
69) Atrazine	17.101	200	41646	9.748	ng		96
70) Pentachlorophenol	17.318	266	49805	14.688	ng		99
71) Phenanthrene	17.718	178	366922	19.056	ng		97
72) Anthracene	17.806	178	225364	11.346	ng		99
73) Carbazole	18.064	167	158885	9.516	ng		98
74) Di-n-butylphthalate	18.593	149	144186	8.663	ng		100
75) Fluoranthene	19.704	202	565070	22.498	ng		99
78) Pyrene	20.068	202	529981	21.383	ng		99
80) Butylbenzylphthalate	20.920	149	57955	8.151	ng		92
81) Benzo(a)anthracene	21.948	228	366756	14.850	ng		99
82) 3,3'-Dichlorobenzidine	21.848	252	34064	3.831	ng	#	97
83) Chrysene	22.019	228	347878	15.037	ng		96
84) Bis(2-ethylhexyl)phtha...	21.807	149	88112	8.601	ng		99
85) Di-n-octyl phthalate	23.094	149	145143	8.393	ng	#	99
87) Indeno(1,2,3-cd)pyrene	29.422	276	134957	6.871	ng	#	94
88) Benzo(b)fluoranthene	24.328	252	274085	15.973	ng	#	88
89) Benzo(k)fluoranthene	24.392	252	292292m	17.106	ng		
90) Benzo(a)pyrene	25.268	252	236021	14.102	ng	#	91
91) Dibenzo(a,h)anthracene	29.469	278	90010	5.466	ng	#	93
92) Benzo(g,h,i)perylene	30.655	276	96298	6.030	ng		93

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

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