Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111723\
Data File : BG059755.D
Acq On : 18 Nov 2023 8:31
Operator : MA/JU
Sample : 05295-01MS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Nov 18 09:28:52 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 17 01:51:38 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
TP-2MS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/19/2023
Supervised By :mohammad ahmed 11/21/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.340	152	29438	20.000	ng		0.00
21) Naphthalene-d8	11.190	136	98598	20.000	ng	#	0.00
39) Acenaphthene-d10	14.968	164	75930	20.000	ng		0.00
64) Phenanthrene-d10	17.724	188	256831	20.000	ng		0.00
76) Chrysene-d12	22.054	240	216228	20.000	ng	#	0.00
86) Perylene-d12	25.632	264	264116	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.832	112	145472	83.175	ng		0.00
7) Phenol-d6	7.465	99	221472	85.450	ng		0.00
23) Nitrobenzene-d5	9.539	82	291177	112.788	ng		0.00
42) 2,4,6-Tribromophenol	16.460	330	124802	144.863	ng		0.00
45) 2-Fluorobiphenyl	13.593	172	436361	77.356	ng		0.00
79) Terphenyl-d14	20.297	244	1209693	82.589	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.669	88	16472	20.052	ng	#	95
3) Pyridine	4.087	79	42889	19.115	ng	#	91
4) n-Nitrosodimethylamine	4.010	42	35135	29.436	ng	#	59
6) Aniline	7.665	93	65508	19.152	ng		97
8) 2-Chlorophenol	7.888	128	70145	36.969	ng		88
9) Benzaldehyde	7.477	77	16645	9.501	ng		91
10) Phenol	7.494	94	99105	37.101	ng		91
11) bis(2-Chloroethyl)ether	7.753	93	54475	32.759	ng		97
12) 1,3-Dichlorobenzene	8.223	146	95249	45.194	ng		93
13) 1,4-Dichlorobenzene	8.376	146	104174	49.221	ng		96
14) 1,2-Dichlorobenzene	8.693	146	94889	45.127	ng		93
15) Benzyl Alcohol	8.581	79	150933	51.067	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.858	45	25589m	41.826	ng		
17) 2-Methylphenol	8.764	107	95871	48.726	ng		94
18) Hexachloroethane	9.433	117	46303	51.545	ng		85
19) n-Nitroso-di-n-propyla...	9.145	70	96734	47.395	ng	#	94
20) 3+4-Methylphenols	9.098	107	135949	49.772	ng		95
22) Acetophenone	9.181	105	186715	66.888	ng	#	91
24) Nitrobenzene	9.586	77	118027	49.640	ng		98
25) Isophorone	10.091	82	202845	46.802	ng		98
26) 2-Nitrophenol	10.291	139	42735	49.025	ng		92
27) 2,4-Dimethylphenol	10.321	122	75298	42.484	ng		99
28) bis(2-Chloroethoxy)met...	10.573	93	74957	46.023	ng		95
29) 2,4-Dichlorophenol	10.814	162	84011	55.519	ng		90
30) 1,2,4-Trichlorobenzene	11.031	180	75981	49.683	ng	#	93
31) Naphthalene	11.243	128	241782	48.767	ng		98
32) Benzoic acid	10.432	122	64472	53.451	ng	#	82
33) 4-Chloroaniline	11.355	127	41006	19.445	ng	#	94
34) Hexachlorobutadiene	11.466	225	51969	49.931	ng		91
35) Caprolactam	12.148	113	29935m	54.129	ng		
36) 4-Chloro-3-methylphenol	12.430	107	113795	56.545	ng		86
37) 2-Methylnaphthalene	12.818	142	190716	45.673	ng		89
38) 1-Methylnaphthalene	13.035	142	191321	49.683	ng		93
40) 1,2,4,5-Tetrachloroben...	13.158	216	100934	49.221	ng		98
41) Hexachlorocyclopentadiene	13.111	237	122061	94.893	ng		97
43) 2,4,6-Trichlorophenol	13.405	196	75887	53.218	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.476	196	84889	50.664	ng	#	85
46) 1,1'-Biphenyl	13.811	154	294904	49.481	ng		95
47) 2-Chloronaphthalene	13.863	162	212626	51.921	ng		97
48) 2-Nitroaniline	14.081	65	83723	57.262	ng		85
49) Acenaphthylene	14.704	152	356349	51.033	ng		99
50) Dimethylphthalate	14.416	163	290944	49.445	ng		100
51) 2,6-Dinitrotoluene	14.557	165	55732	49.927	ng		83
52) Acenaphthene	15.033	154	207717	49.464	ng		99
53) 3-Nitroaniline	14.898	138	42207	32.303	ng		98
54) 2,4-Dinitrophenol	15.091	184	78540	94.685	ng	#	54
55) Dibenzofuran	15.368	168	349341	50.456	ng		95
56) 4-Nitrophenol	15.174	139	104712	104.749	ng		91
57) 2,4-Dinitrotoluene	15.332	165	86198	50.213	ng	#	93
58) Fluorene	16.014	166	300157	52.181	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.573	232	79357	53.880	ng		99
60) Diethylphthalate	15.755	149	313389	49.660	ng		97
61) 4-Chlorophenyl-phenyle...	15.996	204	154164	52.069	ng		98
62) 4-Nitroaniline	16.061	138	55856	42.654	ng		96
63) Azobenzene	16.290	77	366763	52.298	ng		96
65) 4,6-Dinitro-2-methylph...	16.078	198	55069	35.086	ng		88
66) n-Nitrosodiphenylamine	16.219	169	275827	36.764	ng		96
67) 4-Bromophenyl-phenylether	16.895	248	141395	51.246	ng		87
68) Hexachlorobenzene	16.989	284	150460	58.427	ng		95
69) Atrazine	17.148	200	167631	69.689	ng		98
70) Pentachlorophenol	17.342	266	197860	100.709	ng		93
71) Phenanthrene	17.765	178	681302	52.176	ng		100
72) Anthracene	17.859	178	686370	50.590	ng		97
73) Carbazole	18.129	167	590737	49.840	ng		96
74) Di-n-butylphthalate	18.634	149	696774	48.634	ng		97
75) Fluoranthene	19.757	202	753698	48.131	ng		98
77) Benzidine	19.945	184	236847	48.305	ng		98
78) Pyrene	20.121	202	726232	49.363	ng		98
80) Butylbenzylphthalate	20.973	149	302419	50.131	ng		98
81) Benzo(a)anthracene	22.030	228	740612	50.059	ng		97
82) 3,3'-Dichlorobenzidine	21.936	252	189759	34.427	ng		99
83) Chrysene	22.101	228	635537	46.860	ng		95
84) Bis(2-ethylhexyl)phtha...	21.854	149	423530	50.222	ng	#	97
85) Di-n-octyl phthalate	23.188	149	723902	44.590	ng	#	94
87) Indeno(1,2,3-cd)pyrene	29.798	276	983847m	49.230	ng		
88) Benzo(b)fluoranthene	24.475	252	798494	55.160	ng		95
89) Benzo(k)fluoranthene	24.557	252	770883	53.865	ng	#	100
90) Benzo(a)pyrene	25.462	252	689440	44.626	ng	#	98
91) Dibenzo(a,h)anthracene	29.898	278	844250	49.932	ng	#	96
92) Benzo(g,h,i)perylene	31.137	276	768085	47.876	ng		98

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

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