Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042621\
Data File : BG048880.D
Acq On : 26 Apr 2021 16:12
Operator : CG/JU
Sample : M2163-01MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TT-059-RW8-IDWSO-202104-1MSD

Manual Integrations APPROVED
mohammad
4/27/2021 12:10:56 PM

Quant Time: Apr 26 17:17:38 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 26 13:36:49 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.039	152	20749	20.00	ng		# 0.00
21) Naphthalene-d8	10.859	136	88300	20.00	ng		# 0.00
39) Acenaphthene-d10	14.684	164	60432	20.00	ng		0.00
64) Phenanthrene-d10	17.440	188	148944	20.00	ng		# 0.00
76) Chrysene-d12	21.723	240	135700	20.00	ng		# 0.00
86) Perylene-d12	25.001	264	136048	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.601	112	122887	99.06	ng		0.00
7) Phenol-d6	7.210	99	166083	94.65	ng		0.00
23) Nitrobenzene-d5	9.214	82	123407	62.57	ng		0.00
42) 2,4,6-Tribromophenol	16.176	330	67043	82.74	ng		0.00
45) 2-Fluorobiphenyl	13.303	172	265207	63.38	ng		0.00
79) Terphenyl-d14	20.042	244	486500	61.70	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.444	88	17966	36.96	ng		97
3) Pyridine	3.850	79	38912	30.71	ng		88
4) n-Nitrosodimethylamine	3.767	42	36980	38.23	ng	#	82
6) Aniline	7.363	93	56371	28.62	ng		94
8) 2-Chlorophenol	7.610	128	59666	45.34	ng		94
9) Benzaldehyde	7.175	77	55944	48.11	ng	#	86
10) Phenol	7.234	94	82291	47.69	ng		93
11) bis(2-Chloroethyl)ether	7.451	93	51070	43.92	ng		97
12) 1,3-Dichlorobenzene	7.927	146	66689	44.07	ng		97
13) 1,4-Dichlorobenzene	8.074	146	65791	42.66	ng		89
14) 1,2-Dichlorobenzene	8.397	146	62206	43.72	ng		94
15) Benzyl Alcohol	8.280	79	66856	43.24	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.562	45	53767	42.65	ng		94
17) 2-Methylphenol	8.491	107	53648	48.70	ng		99
18) Hexachloroethane	9.126	117	25194	41.59	ng		91
19) n-Nitroso-di-n-propyla...	8.844	70	51183	43.23	ng	#	84
20) 3+4-Methylphenols	8.820	107	70354	46.29	ng		94
22) Acetophenone	8.867	105	93932	40.87	ng	#	96
24) Nitrobenzene	9.255	77	79481	40.40	ng		94
25) Isophorone	9.778	82	130772	37.50	ng	#	95
26) 2-Nitrophenol	9.972	139	34217	40.19	ng		89
27) 2,4-Dimethylphenol	10.031	122	62124	47.46	ng		88
28) bis(2-Chloroethoxy)met...	10.254	93	70377	46.32	ng		93
29) 2,4-Dichlorophenol	10.512	162	63141	42.77	ng		94
30) 1,2,4-Trichlorobenzene	10.718	180	67519	39.44	ng		96
31) Naphthalene	10.912	128	186183	41.09	ng		99
32) Benzoic acid	10.242	122	14698m	19.16	ng		
33) 4-Chloroaniline	11.018	127	28265	14.99	ng		95
34) Hexachlorobutadiene	11.188	225	48304	38.01	ng		95
35) Caprolactam	11.799	113	20976m	41.81	ng		
36) 4-Chloro-3-methylphenol	12.146	107	70847	42.38	ng	#	88
37) 2-Methylnaphthalene	12.516	142	142111	39.25	ng		98
38) 1-Methylnaphthalene	12.733	142	131778	39.12	ng		100
40) 1,2,4,5-Tetrachloroben...	12.880	216	81580	41.48	ng		99
41) Hexachlorocyclopentadiene	12.857	237	57018	55.12	ng		95
43) 2,4,6-Trichlorophenol	13.127	196	50045	38.12	ng		91

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.203	196	56668	40.65	ng		93
46) 1,1'-Biphenyl	13.521	154	192160	43.05	ng		95
47) 2-Chloronaphthalene	13.568	162	141589	41.52	ng		96
48) 2-Nitroaniline	13.767	65	52837	43.12	ng		99
49) Acenaphthylene	14.408	152	228639	42.98	ng		97
50) Dimethylphthalate	14.138	163	197650	43.60	ng	#	97
51) 2,6-Dinitrotoluene	14.261	165	43586	41.68	ng		99
52) Acenaphthene	14.749	154	140777	41.67	ng		99
53) 3-Nitroaniline	14.590	138	19323	19.25	ng		85
54) 2,4-Dinitrophenol	14.807	184	37554	61.15	ng		94
55) Dibenzofuran	15.084	168	230799	41.27	ng		96
56) 4-Nitrophenol	14.919	139	59077	79.42	ng		91
57) 2,4-Dinitrotoluene	15.054	165	64206	42.28	ng		94
58) Fluorene	15.736	166	192174	41.84	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.319	232	44235	34.29	ng	#	89
60) Diethylphthalate	15.495	149	198293	42.28	ng		99
61) 4-Chlorophenyl-phenyle...	15.718	204	105322	41.70	ng		96
62) 4-Nitroaniline	15.759	138	43084	40.14	ng		90
63) Azobenzene	16.012	77	195815	41.46	ng		93
65) 4,6-Dinitro-2-methylph...	15.818	198	35257	35.36	ng		91
66) n-Nitrosodiphenylamine	15.936	169	172248	40.92	ng		96
67) 4-Bromophenyl-phenylether	16.617	248	66429	38.75	ng		96
68) Hexachlorobenzene	16.740	284	73410	42.28	ng		98
69) Atrazine	16.881	200	76205	43.53	ng		97
70) Pentachlorophenol	17.093	266	51561	55.72	ng		95
71) Phenanthrene	17.481	178	319701	41.36	ng		97
72) Anthracene	17.569	178	325037	42.49	ng		99
73) Carbazole	17.839	167	293932	40.12	ng		98
74) Di-n-butylphthalate	18.386	149	355258	43.25	ng	#	98
75) Fluoranthene	19.490	202	391211	40.02	ng		99
77) Benzidine	19.666	184	152559	41.40	ng		97
78) Pyrene	19.854	202	391174	41.67	ng		98
80) Butylbenzylphthalate	20.724	149	153708	41.87	ng		100
81) Benzo(a)anthracene	21.699	228	368514	39.74	ng		97
82) 3,3'-Dichlorobenzidine	21.605	252	53353	16.78	ng		95
83) Chrysene	21.770	228	352739	39.93	ng		98
84) Bis(2-ethylhexyl)phtha...	21.582	149	214253	41.69	ng		99
85) Di-n-octyl phthalate	22.810	149	371014	42.40	ng		98
87) Indeno(1,2,3-cd)pyrene	28.768	276	411384	41.17	ng		98
88) Benzo(b)fluoranthene	23.956	252	383347	41.53	ng	#	99
89) Benzo(k)fluoranthene	24.026	252	361974	41.70	ng	#	98
90) Benzo(a)pyrene	24.849	252	357839	42.08	ng	#	97
91) Dibenzo(a,h)anthracene	28.832	278	347875	40.59	ng		96
92) Benzo(g,h,i)perylene	29.954	276	346803	40.99	ng		98

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

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