Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030421\
Data File : BG048325.D
Acq On : 4 Mar 2021 12:36
Operator : CG/JU
Sample : PB134924BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB134924BS

Manual Integrations APPROVED
mohammad
3/5/2021 2:44:09 PM

Quant Time: Mar 04 13:18:17 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG021021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 03 16:40:27 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.105	152	27836	20.00	ng		0.00
21) Naphthalene-d8	10.925	136	115022	20.00	ng		0.00
39) Acenaphthene-d10	14.739	164	88860	20.00	ng		0.00
64) Phenanthrene-d10	17.488	188	229350	20.00	ng	#	0.00
76) Chrysene-d12	21.772	240	256753	20.00	ng	#	0.00
86) Perylene-d12	25.062	264	259258	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.684	112	235608	144.08	ng		0.00
7) Phenol-d6	7.312	99	331732	133.52	ng		0.00
23) Nitrobenzene-d5	9.286	82	200068	73.58	ng		0.00
42) 2,4,6-Tribromophenol	16.237	330	164610	115.82	ng		0.00
45) 2-Fluorobiphenyl	13.358	172	420241	66.30	ng		0.00
79) Terphenyl-d14	20.085	244	859499	61.17	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.528	88	33082	44.15	ng	#	91
3) Pyridine	3.934	79	93525	45.14	ng		87
4) n-Nitrosodimethylamine	3.851	42	65024	59.12	ng	#	64
6) Aniline	7.435	93	121213	40.83	ng	#	87
8) 2-Chlorophenol	7.682	128	96859	53.93	ng		85
9) Benzaldehyde	7.241	77	39197	22.27	ng	#	83
10) Phenol	7.341	94	136898	54.50	ng	#	62
11) bis(2-Chloroethyl)ether	7.523	93	97063	49.59	ng		94
12) 1,3-Dichlorobenzene	7.994	146	102530	49.41	ng	#	90
13) 1,4-Dichlorobenzene	8.140	146	104856	50.11	ng		94
14) 1,2-Dichlorobenzene	8.458	146	98553m	49.52	ng		
15) Benzyl Alcohol	8.364	79	116181	53.06	ng	#	87
16) 2,2'-oxybis(1-Chloropr...	8.634	45	129591	51.06	ng		92
17) 2-Methylphenol	8.581	107	87849	53.63	ng	#	84
18) Hexachloroethane	9.186	117	41641	52.20	ng		84
19) n-Nitroso-di-n-propyla...	8.910	70	92000	47.97	ng	#	91
20) 3+4-Methylphenols	8.916	107	120506	52.79	ng	#	74
22) Acetophenone	8.934	105	162630	49.25	ng	#	86
24) Nitrobenzene	9.327	77	143048	49.30	ng	#	85
25) Isophorone	9.844	82	241360	44.76	ng	#	94
26) 2-Nitrophenol	10.038	139	58020	48.35	ng	#	53
27) 2,4-Dimethylphenol	10.115	122	92412	53.49	ng	#	84
28) bis(2-Chloroethoxy)met...	10.320	93	130379	49.46	ng		95
29) 2,4-Dichlorophenol	10.596	162	108928	49.31	ng		95
30) 1,2,4-Trichlorobenzene	10.784	180	121062	48.20	ng		95
31) Naphthalene	10.972	128	289504	45.59	ng		100
32) Benzoic acid	10.285	122	31986	26.92	ng	#	66
33) 4-Chloroaniline	11.102	127	66988	24.32	ng	#	86
34) Hexachlorobutadiene	11.243	225	88293	47.00	ng		96
35) Caprolactam	11.871	113	35249m	48.16	ng		
36) 4-Chloro-3-methylphenol	12.247	107	115678	47.36	ng		86
37) 2-Methylnaphthalene	12.571	142	223189	45.21	ng	#	91
38) 1-Methylnaphthalene	12.794	142	210473	45.07	ng	#	95
40) 1,2,4,5-Tetrachloroben...	12.935	216	153870	48.48	ng	#	96
41) Hexachlorocyclopentadiene	12.905	237	221445	114.42	ng		97
43) 2,4,6-Trichlorophenol	13.193	196	103293	45.29	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.281	196	104894	42.64	ng	#	94
46) 1,1'-Biphenyl	13.575	154	297952	46.81	ng		95
47) 2-Chloronaphthalene	13.622	162	248719	45.91	ng		96
48) 2-Nitroaniline	13.840	65	100179	51.52	ng	#	75
49) Acenaphthylene	14.462	152	379867	45.33	ng		96
50) Dimethylphthalate	14.192	163	338647	45.58	ng		97
51) 2,6-Dinitrotoluene	14.327	165	74186	44.43	ng	#	53
52) Acenaphthene	14.803	154	226603	39.94	ng		95
53) 3-Nitroaniline	14.668	138	47498	28.96	ng	#	77
54) 2,4-Dinitrophenol	14.880	184	91322	84.02	ng	#	51
55) Dibenzofuran	15.138	168	389430	43.90	ng		93
56) 4-Nitrophenol	15.026	139	106646	79.33	ng	#	29
57) 2,4-Dinitrotoluene	15.120	165	108898	45.15	ng	#	56
58) Fluorene	15.784	166	314696	44.72	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.379	232	104952	42.60	ng	#	91
60) Diethylphthalate	15.549	149	353957	46.59	ng		94
61) 4-Chlorophenyl-phenyle...	15.773	204	197361	46.57	ng		98
62) 4-Nitroaniline	15.837	138	65876	38.63	ng	#	39
63) Azobenzene	16.066	77	356857	47.07	ng		86
65) 4,6-Dinitro-2-methylph...	15.890	198	72204	43.38	ng		77
66) n-Nitrosodiphenylamine	15.996	169	297498	44.85	ng		98
67) 4-Bromophenyl-phenylether	16.666	248	132950	45.21	ng		95
68) Hexachlorobenzene	16.789	284	141104	46.52	ng		92
69) Atrazine	16.942	200	114010	41.33	ng		97
70) Pentachlorophenol	17.153	266	132671	66.50	ng		95
71) Phenanthrene	17.529	178	576531	46.29	ng		96
72) Anthracene	17.623	178	586942	47.46	ng		97
73) Carbazole	17.905	167	532709	45.54	ng		99
74) Di-n-butylphthalate	18.428	149	654295	50.48	ng	#	96
75) Fluoranthene	19.533	202	795963	49.10	ng		96
77) Benzidine	19.715	184	297086	35.41	ng		96
78) Pyrene	19.897	202	796592	44.42	ng		97
80) Butylbenzylphthalate	20.767	149	291173	46.37	ng	#	84
81) Benzo(a)anthracene	21.748	228	803162	44.84	ng		98
82) 3,3'-Dichlorobenzidine	21.666	252	208222	32.46	ng	#	98
83) Chrysene	21.819	228	766263	44.78	ng		98
84) Bis(2-ethylhexyl)phtha...	21.625	149	422407	47.88	ng		95
85) Di-n-octyl phthalate	22.858	149	712381	47.43	ng	#	94
87) Indeno(1,2,3-cd)pyrene	28.834	276	919369	46.80	ng	#	87
88) Benzo(b)fluoranthene	24.016	252	820643	45.78	ng	#	98
89) Benzo(k)fluoranthene	24.086	252	782222	45.75	ng	#	96
90) Benzo(a)pyrene	24.915	252	746054	44.87	ng	#	96
91) Dibenzo(a,h)anthracene	28.904	278	763480	45.56	ng	#	94
92) Benzo(g,h,i)perylene	30.027	276	747366	45.89	ng	#	92

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

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