Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092520\
Data File : BG046699.D
Acq On : 25 Sep 2020 12:55
Operator : CG/JU
Sample : L4038-04MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PAV-B36-091620-0-10MS

Manual Integrations APPROVED
mohammad
9/28/2020 11:09:55 AM

Quant Time: Sep 25 13:31:20 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 22 21:47:28 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.124	152	68387	20.00	ng		0.00
21) Naphthalene-d8	10.938	136	262893	20.00	ng		0.00
39) Acenaphthene-d10	14.745	164	188047	20.00	ng		0.00
64) Phenanthrene-d10	17.489	188	457648	20.00	ng		0.00
76) Chrysene-d12	21.766	240	487588	20.00	ng		#-0.01
86) Perylene-d12	25.051	264	484943	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.685	112	475223	111.32	ng		0.00
7) Phenol-d6	7.272	99	613279	101.85	ng		0.00
23) Nitrobenzene-d5	9.287	82	428211	86.65	ng		0.00
42) 2,4,6-Tribromophenol	16.232	330	329050	132.71	ng		0.00
45) 2-Fluorobiphenyl	13.376	172	998380	75.16	ng		0.00
79) Terphenyl-d14	20.092	244	1974629	81.17	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.594	88	70733	35.51	ng	#	16
3) Pyridine	3.993	79	184531	32.75	ng	#	87
4) n-Nitrosodimethylamine	3.893	42	132886	45.07	ng	#	68
6) Aniline	7.448	93	135171	18.58	ng		99
8) 2-Chlorophenol	7.683	128	195811	46.03	ng		88
9) Benzaldehyde	7.254	77	49123	10.13	ng	#	82
10) Phenol	7.295	94	241932	40.37	ng		76
11) bis(2-Chloroethyl)ether	7.536	93	209365	45.20	ng		90
12) 1,3-Dichlorobenzene	8.012	146	200261	36.46	ng	#	90
13) 1,4-Dichlorobenzene	8.159	146	200852	36.90	ng		95
14) 1,2-Dichlorobenzene	8.482	146	197054	38.81	ng		95
15) Benzyl Alcohol	8.359	79	232475	46.96	ng	#	87
16) 2,2'-oxybis(1-Chloropr...	8.658	45	332769	40.94	ng		95
17) 2-Methylphenol	8.552	107	175813	45.68	ng	#	90
18) Hexachloroethane	9.216	117	72084	35.10	ng		89
19) n-Nitroso-di-n-propyla...	8.928	70	181545	43.97	ng	#	87
20) 3+4-Methylphenols	8.881	107	235827	44.96	ng		91
22) Acetophenone	8.946	105	331739	43.44	ng	#	87
24) Nitrobenzene	9.328	77	260064	48.21	ng	#	85
25) Isophorone	9.851	82	481119	44.60	ng	#	92
26) 2-Nitrophenol	10.039	139	97179	49.84	ng	#	78
27) 2,4-Dimethylphenol	10.092	122	190037	48.76	ng		88
28) bis(2-Chloroethoxy)met...	10.333	93	271278	40.77	ng		97
29) 2,4-Dichlorophenol	10.574	162	214379	45.72	ng		97
30) 1,2,4-Trichlorobenzene	10.797	180	215734	38.55	ng		98
31) Naphthalene	10.985	128	587456	41.20	ng		99
32) Benzoic acid	10.215	122	105433	39.99	ng	#	81
33) 4-Chloroaniline	11.085	127	31591	5.00	ng	#	90
34) Hexachlorobutadiene	11.273	225	149106	36.34	ng		96
35) Caprolactam	11.854	113	61856m	38.95	ng		
36) 4-Chloro-3-methylphenol	12.189	107	229667	45.56	ng		90
37) 2-Methylnaphthalene	12.583	142	446527	42.24	ng	#	95
38) 1-Methylnaphthalene	12.800	142	421909m	43.00	ng		
40) 1,2,4,5-Tetrachloroben...	12.947	216	278535	41.20	ng	#	96
41) Hexachlorocyclopentadiene	12.930	237	335995	85.45	ng		99
43) 2,4,6-Trichlorophenol	13.176	196	190083	44.71	ng		93

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.247	196	202228	47.27	ng	#	93
46) 1,1'-Biphenyl	13.582	154	611629	42.30	ng		97
47) 2-Chloronaphthalene	13.629	162	471012	40.09	ng		98
48) 2-Nitroaniline	13.817	65	159437	51.12	ng	#	76
49) Acenaphthylene	14.469	152	738407	42.71	ng		99
50) Dimethylphthalate	14.199	163	654354	43.56	ng		99
51) 2,6-Dinitrotoluene	14.310	165	130516	53.47	ng	#	64
52) Acenaphthene	14.810	154	543819	46.31	ng		98
53) 3-Nitroaniline	14.634	138	59412	21.54	ng	#	63
54) 2,4-Dinitrophenol	14.839	184	141782	106.35	ng	#	77
55) Dibenzofuran	15.145	168	768592	43.36	ng		96
56) 4-Nitrophenol	14.933	139	217924	95.92	ng	#	63
57) 2,4-Dinitrotoluene	15.092	165	180857	55.95	ng	#	68
58) Fluorene	15.791	166	632336	44.54	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.362	232	201327	47.08	ng	#	93
60) Diethylphthalate	15.562	149	653520	43.28	ng		97
61) 4-Chlorophenyl-phenyle...	15.785	204	352828	43.53	ng		98
62) 4-Nitroaniline	15.803	138	131716	43.01	ng	#	56
63) Azobenzene	16.073	77	646362	43.54	ng		87
65) 4,6-Dinitro-2-methylph...	15.856	198	105031	55.29	ng		86
66) n-Nitrosodiphenylamine	15.997	169	582065	42.34	ng		99
67) 4-Bromophenyl-phenylether	16.678	248	236345	40.87	ng		94
68) Hexachlorobenzene	16.796	284	249836	40.16	ng		94
69) Atrazine	16.937	200	185825	33.64	ng		99
70) Pentachlorophenol	17.131	266	476910	132.79	ng		93
71) Phenanthrene	17.530	178	1067804	42.97	ng		98
72) Anthracene	17.624	178	1089648	44.44	ng		98
73) Carbazole	17.889	167	982254	44.03	ng		98
74) Di-n-butylphthalate	18.453	149	1139762	41.56	ng	#	97
75) Fluoranthene	19.534	202	1381316	43.65	ng		98
77) Benzidine	19.704	184	34139m	2.27	ng		
78) Pyrene	19.892	202	1379521	44.01	ng		99
80) Butylbenzylphthalate	20.785	149	518394	42.80	ng		91
81) Benzo(a)anthracene	21.749	228	1380999	42.42	ng		99
82) 3,3'-Dichlorobenzidine	21.661	252	271276	21.47	ng		99
83) Chrysene	21.819	228	1327040	42.66	ng		99
84) Bis(2-ethylhexyl)phtha...	21.666	149	749844	42.15	ng		97
85) Di-n-octyl phthalate	22.912	149	1274321	41.65	ng	#	90
87) Indeno(1,2,3-cd)pyrene	28.799	276	1590973	44.34	ng	#	90
88) Benzo(b)fluoranthene	24.011	252	1451120	45.66	ng	#	98
89) Benzo(k)fluoranthene	24.081	252	1364097	44.65	ng	#	97
90) Benzo(a)pyrene	24.898	252	1266715	42.36	ng	#	97
91) Dibenzo(a,h)anthracene	28.887	278	1315146	44.81	ng	#	96
92) Benzo(g,h,i)perylene	29.986	276	1311599	45.70	ng	#	95

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

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