Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042820\
Data File : BG045189.D
Acq On : 28 Apr 2020 17:33
Operator : CG/JU
Sample : PB128517BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB128517BS

Manual Integrations APPROVED
mohammad
4/30/2020 12:04:38 AM

Quant Time: Apr 28 18:11:16 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 28 14:34:23 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	58814	20.00	ng		0.00
21) Naphthalene-d8	10.80	136	228927	20.00	ng		0.00
39) Acenaphthene-d10	14.63	164	169149	20.00	ng		0.00
64) Phenanthrene-d10	17.38	188	428836	20.00	ng		0.00
76) Chrysene-d12	21.65	240	432176	20.00	ng		0.00
87) Perylene-d12	24.82	264	487177	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	450179	126.37	ng		0.00
7) Phenol-d6	7.16	99	622943	117.69	ng		0.00
23) Nitrobenzene-d5	9.15	82	392328	78.20	ng		0.00
42) 2,4,6-Tribromophenol	16.13	330	312539	119.60	ng		0.00
45) 2-Fluorobiphenyl	13.25	172	934577	81.02	ng		0.00
79) Terphenyl-d14	19.99	244	1811649	91.37	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.45	88	64866	40.971	ng		99
3) Pyridine	3.84	79	167651	34.393	ng		99
4) n-Nitrosodimethylamine	3.76	42	63534	42.546	ng	#	94
6) Aniline	7.31	93	189448	27.529	ng		99
8) 2-Chlorophenol	7.55	128	170698	44.584	ng		97
9) Benzaldehyde	7.12	77	73205	20.295	ng		97
10) Phenol	7.18	94	225392	42.555	ng		96
11) bis(2-Chloroethyl)ether	7.40	93	155247	36.815	ng		99
12) 1,3-Dichlorobenzene	7.88	146	187978	41.666	ng		96
13) 1,4-Dichlorobenzene	8.02	146	188070	41.835	ng		98
14) 1,2-Dichlorobenzene	8.35	146	175584	40.826	ng		96
15) Benzyl Alcohol	8.23	79	164131	36.986	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.52	45	146736	35.448	ng		95
17) 2-Methylphenol	8.44	107	154601	37.832	ng		96
18) Hexachloroethane	9.08	117	73404	43.434	ng		99
19) n-Nitroso-di-n-propylamine	8.80	70	138685	37.050	ng		98
20) 3+4-Methylphenols	8.76	107	207697	36.311	ng		99
22) Acetophenone	8.81	105	258134	41.697	ng		98
24) Nitrobenzene	9.19	77	211315	41.090	ng	#	95
25) Isophorone	9.72	82	395982	38.541	ng		99
26) 2-Nitrophenol	9.90	139	95582	43.148	ng		99
27) 2,4-Dimethylphenol	9.97	122	155641	44.280	ng		93
28) bis(2-Chloroethoxy)methane	10.20	93	219248	40.614	ng		98
29) 2,4-Dichlorophenol	10.45	162	178239	43.916	ng		98
30) 1,2,4-Trichlorobenzene	10.66	180	196106	42.676	ng		99
31) Naphthalene	10.85	128	521923	41.676	ng		99
32) Benzoic acid	10.11	122	106646	38.944	ng		92
33) 4-Chloroaniline	10.95	127	75526	12.931	ng		97
34) Hexachlorobutadiene	11.14	225	134579	42.716	ng		98
35) Caprolactam	11.71	113	64844m	40.143	ng		
36) 4-Chloro-3-methylphenol	12.08	107	205714	43.146	ng		98
37) 2-Methylnaphthalene	12.46	142	406241	41.792	ng		99
38) 1-Methylnaphthalene	12.68	142	388739	42.362	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	225526	41.410	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.81	237	331965	97.524	ng		96
43) 2,4,6-Trichlorophenol	13.06	196	161036	41.896	ng		91
44) 2,4,5-Trichlorophenol	13.14	196	171177	39.125	ng		99
46) 1,1'-Biphenyl	13.46	154	514311	40.004	ng		100
47) 2-Chloronaphthalene	13.51	162	393957	40.103	ng		98
48) 2-Nitroaniline	13.70	65	128780	39.843	ng		95
49) Acenaphthylene	14.36	152	675445	42.212	ng		99
50) Dimethylphthalate	14.09	163	565839	41.084	ng		98
51) 2,6-Dinitrotoluene	14.20	165	126440	41.044	ng		99
52) Acenaphthene	14.70	154	505983m	46.736	ng		
53) 3-Nitroaniline	14.53	138	76166	22.543	ng		97
54) 2,4-Dinitrophenol	14.74	184	172285	94.051	ng		95
55) Dibenzofuran	15.03	168	656920	41.619	ng		99
56) 4-Nitrophenol	14.84	139	216084	82.484	ng		98
57) 2,4-Dinitrotoluene	14.99	165	184785	41.045	ng	#	96
58) Fluorene	15.68	166	552649	42.865	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.26	232	175008	44.956	ng		99
60) Diethylphthalate	15.45	149	594723	41.416	ng		99
61) 4-Chlorophenyl-phenylether	15.67	204	302560	40.771	ng		99
62) 4-Nitroaniline	15.70	138	131257	37.455	ng		97
63) Azobenzene	15.97	77	557990	42.147	ng		98
65) 4,6-Dinitro-2-methylphenol	15.75	198	123953	43.974	ng		95
66) n-Nitrosodiphenylamine	15.88	169	498569	40.464	ng		99
67) 4-Bromophenyl-phenylether	16.57	248	217381	39.293	ng		98
68) Hexachlorobenzene	16.69	284	234246	40.826	ng		96
69) Atrazine	16.84	200	211816	47.386	ng		99
70) Pentachlorophenol	17.04	266	301082	85.538	ng		98
71) Phenanthrene	17.42	178	935497	42.452	ng		99
72) Anthracene	17.51	178	961852	43.513	ng		99
73) Carbazole	17.78	167	908413	40.496	ng		98
74) Di-n-butylphthalate	18.35	149	1121645	46.079	ng		99
75) Fluoranthene	19.43	202	1258816	49.172	ng		99
77) Benzidine	19.61	184	706290	58.167	ng		97
78) Pyrene	19.79	202	1243593	41.739	ng		98
80) Butylbenzylphthalate	20.68	149	516918	41.855	ng		98
81) Benzo(a)anthracene	21.62	228	1194179	42.632	ng		99
82) 3,3'-Dichlorobenzidine	21.54	252	291465	26.143	ng		99
83) Chrysene	21.69	228	1181133	43.886	ng		98
84) Bis(2-ethylhexyl)phthalate	21.54	149	730124	42.985	ng		100
85) Di-n-octyl phthalate	22.75	149	1254640	42.715	ng		100
86) Indeno(1,2,3-cd)pyrene	28.43	276	1576154	44.109	ng		99
88) Benzo(b)fluoranthene	23.81	252	1321538	43.306	ng		99
89) Benzo(k)fluoranthene	23.89	252	1284895	44.274	ng		97
90) Benzo(a)pyrene	24.67	252	1221127	42.382	ng		98
91) Dibenzo(a,h)anthracene	28.49	278	1260542	43.418	ng		96
92) Benzo(g,h,i)perylene	29.55	276	1271677	43.690	ng		99

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

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