Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051220\
Data File : BG045365.D
Acq On : 13 May 2020 17:15
Operator : CG/JU
Sample : L2502-01MSD 10X
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PL-01-050820MSD

Manual Integrations APPROVED
mohammad
5/14/2020 11:54:24 AM

Quant Time: May 14 03:14:43 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 13 11:40:01 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.98	152	75593	20.00	ng		0.00
21) Naphthalene-d8	10.79	136	319281	20.00	ng		0.00
39) Acenaphthene-d10	14.62	164	220019	20.00	ng		0.00
64) Phenanthrene-d10	17.37	188	457043	20.00	ng		0.00
76) Chrysene-d12	21.63	240	391102	20.00	ng		0.00
87) Perylene-d12	24.80	264	436273	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.55	112	55718	12.17	ng		0.00
7) Phenol-d6	7.15	99	82432	12.12	ng		0.00
23) Nitrobenzene-d5	9.14	82	53668	7.67	ng		0.00
42) 2,4,6-Tribromophenol	16.11	330	36634	10.78	ng		0.00
45) 2-Fluorobiphenyl	13.24	172	135755	9.05	ng		0.00
79) Terphenyl-d14	19.98	244	188983	10.53	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.43	88	6740	3.312	ng	#	92
3) Pyridine	3.84	79	12135	1.937	ng	#	88
4) n-Nitrosodimethylamine	3.75	42	5298	2.760	ng	#	89
6) Aniline	7.30	93	21447	2.425	ng	#	87
8) 2-Chlorophenol	7.55	128	18851	3.831	ng		98
10) Phenol	7.18	94	25479	3.743	ng		94
11) bis(2-Chloroethyl)ether	7.40	93	19094	3.523	ng		87
12) 1,3-Dichlorobenzene	7.87	146	21142	3.646	ng		94
13) 1,4-Dichlorobenzene	8.01	146	21743	3.763	ng		89
14) 1,2-Dichlorobenzene	8.33	146	22231	4.022	ng		96
15) Benzyl Alcohol	8.21	79	18321	3.212	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.52	45	16586	3.117	ng		79
17) 2-Methylphenol	8.43	107	17161	3.267	ng	#	88
18) Hexachloroethane	9.07	117	8681	3.997	ng		88
19) n-Nitroso-di-n-propylamine	8.78	70	16657	3.462	ng	#	94
20) 3+4-Methylphenols	8.76	107	23664	3.219	ng		97
22) Acetophenone	8.80	105	32764	3.795	ng	#	95
24) Nitrobenzene	9.18	77	24808	3.459	ng	#	91
25) Isophorone	9.71	82	47222	3.295	ng	#	94
26) 2-Nitrophenol	9.90	139	10944	3.542	ng		93
27) 2,4-Dimethylphenol	9.96	122	19256	3.928	ng		94
28) bis(2-Chloroethoxy)methane	10.19	93	24434	3.245	ng	#	93
29) 2,4-Dichlorophenol	10.44	162	19672	3.475	ng		96
30) 1,2,4-Trichlorobenzene	10.65	180	22217	3.467	ng		93
31) Naphthalene	10.84	128	89762	5.139	ng		97
32) Benzoic acid	10.05	122	7172	7.944	ng		90
33) 4-Chloroaniline	10.94	127	18734	2.300	ng		96
34) Hexachlorobutadiene	11.13	225	15393	3.503	ng		94
35) Caprolactam	11.68	113	6822	3.028	ng		92
36) 4-Chloro-3-methylphenol	12.08	107	24106	3.625	ng		86
37) 2-Methylnaphthalene	12.45	142	67811m	5.002	ng		
38) 1-Methylnaphthalene	12.66	142	68627	5.362	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.82	216	27038	3.817	ng		98
41) Hexachlorocyclopentadiene	12.80	237	1599	0.361	ng	#	70

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,6-Trichlorophenol	13.06	196	18615	3.723	ng		95
44) 2,4,5-Trichlorophenol	13.14	196	19922	3.501	ng		98
46) 1,1'-Biphenyl	13.45	154	63507	3.798	ng		99
47) 2-Chloronaphthalene	13.50	162	48224	3.774	ng		91
48) 2-Nitroaniline	13.69	65	13801	3.283	ng		95
49) Acenaphthylene	14.34	152	92729	4.455	ng		97
50) Dimethylphthalate	14.07	163	83152	4.641	ng		99
51) 2,6-Dinitrotoluene	14.18	165	13394	3.343	ng		88
52) Acenaphthene	14.68	154	78755m	5.592	ng		
53) 3-Nitroaniline	14.52	138	10207	2.323	ng		93
54) 2,4-Dinitrophenol	14.75	184	1372	0.576	ng	#	52
55) Dibenzofuran	15.02	168	108437	5.282	ng		98
56) 4-Nitrophenol	14.85	139	20560	6.034	ng		90
57) 2,4-Dinitrotoluene	14.98	165	17322	2.958	ng	#	94
58) Fluorene	15.67	166	113779	6.785	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.25	232	16761	3.310	ng	#	93
60) Diethylphthalate	15.44	149	61518	3.294	ng		97
61) 4-Chlorophenyl-phenylether	15.66	204	31720	3.286	ng		95
62) 4-Nitroaniline	15.68	138	12356	2.711	ng		96
63) Azobenzene	15.95	77	61808	3.589	ng		94
65) 4,6-Dinitro-2-methylphenol	15.75	198	2078m	0.692	ng		
66) n-Nitrosodiphenylamine	15.87	169	58980	4.491	ng		99
67) 4-Bromophenyl-phenylether	16.55	248	19921	3.379	ng	#	81
68) Hexachlorobenzene	16.68	284	23346	3.818	ng	#	89
70) Pentachlorophenol	17.03	266	17683	4.714	ng	#	90
71) Phenanthrene	17.41	178	609461	25.950	ng		99
72) Anthracene	17.50	178	228703	9.708	ng		95
73) Carbazole	17.77	167	120594	5.044	ng		95
75) Fluoranthene	19.42	202	942235	32.405	ng		98
78) Pyrene	19.78	202	864608	32.067	ng		98
80) Butylbenzylphthalate	20.67	149	37909	3.392	ng		94
81) Benzo(a)anthracene	21.61	228	468621	18.487	ng		97
82) 3,3'-Dichlorobenzidine	21.53	252	33198	3.290	ng		98
83) Chrysene	21.67	228	427646	17.558	ng		96
84) Bis(2-ethylhexyl)phthalate	21.53	149	57775	3.759	ng		98
85) Di-n-octyl phthalate	22.72	149	96100	3.615	ng	#	88
86) Indeno(1,2,3-cd)pyrene	28.39	276	316684	9.793	ng		98
88) Benzo(b)fluoranthene	23.80	252	467459	17.106	ng		99
89) Benzo(k)fluoranthene	23.85	252	272439m	10.483	ng		
90) Benzo(a)pyrene	24.65	252	392732m	15.221	ng		
91) Dibenzo(a,h)anthracene	28.45	278	143076	5.503	ng		98
92) Benzo(g,h,i)perylene	29.51	276	287856	11.044	ng	#	95

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

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