Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051220\
Data File : BG045347.D
Acq On : 13 May 2020 4:23
Operator : CG/JU
Sample : L2571-01MSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CHASSIE-WASHMSD

Manual Integrations APPROVED
mohammad
5/14/2020 11:54:03 AM

Quant Time: May 13 05:22:55 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 12 15:48:20 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.97	152	64082	20.00	ng		0.00
21) Naphthalene-d8	10.78	136	260228	20.00	ng		0.00
39) Acenaphthene-d10	14.61	164	192473	20.00	ng		0.00
64) Phenanthrene-d10	17.36	188	459191	20.00	ng		0.00
76) Chrysene-d12	21.63	240	408039	20.00	ng		0.00
87) Perylene-d12	24.79	264	448301	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	440890	113.59	ng		0.00
7) Phenol-d6	7.14	99	588641	102.07	ng		0.00
23) Nitrobenzene-d5	9.13	82	431028	75.58	ng		0.00
42) 2,4,6-Tribromophenol	16.11	330	336770	113.26	ng		0.00
45) 2-Fluorobiphenyl	13.24	172	992432	75.61	ng		0.00
79) Terphenyl-d14	19.98	244	1670615	89.24	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.44	88	58553	33.944	ng	#	52
3) Pyridine	3.84	79	88730	16.706	ng		98
4) n-Nitrosodimethylamine	3.74	42	66839	41.080	ng	#	87
6) Aniline	7.30	93	165082	22.016	ng		99
8) 2-Chlorophenol	7.54	128	175405	42.047	ng		98
9) Benzaldehyde	7.10	77	118179	35.002	ng		99
10) Phenol	7.17	94	211930	36.724	ng		98
11) bis(2-Chloroethyl)ether	7.39	93	166869	36.318	ng		96
12) 1,3-Dichlorobenzene	7.86	146	172413	35.074	ng		98
13) 1,4-Dichlorobenzene	8.01	146	178641	36.471	ng		97
14) 1,2-Dichlorobenzene	8.33	146	165901	35.403	ng		95
15) Benzyl Alcohol	8.21	79	185893	38.446	ng		92
16) 2,2'-oxybis(1-Chloropropan	8.50	45	150135	33.288	ng		98
17) 2-Methylphenol	8.42	107	160476	36.041	ng		95
18) Hexachloroethane	9.06	117	68243	37.061	ng		98
19) n-Nitroso-di-n-propylamine	8.78	70	148533	36.419	ng		98
20) 3+4-Methylphenols	8.75	107	224972	36.098	ng		98
22) Acetophenone	8.79	105	279611	39.733	ng		99
24) Nitrobenzene	9.17	77	225321	38.543	ng		96
25) Isophorone	9.70	82	426077	36.482	ng		98
26) 2-Nitrophenol	9.89	139	100929	40.081	ng		97
27) 2,4-Dimethylphenol	9.96	122	165698	41.471	ng		92
28) bis(2-Chloroethoxy)methane	10.19	93	225368	36.726	ng		97
29) 2,4-Dichlorophenol	10.43	162	187746	40.694	ng		99
30) 1,2,4-Trichlorobenzene	10.64	180	196465	37.611	ng		100
31) Naphthalene	10.83	128	544599	38.256	ng		99
32) Benzoic acid	10.12	122	129440	41.151	ng		98
33) 4-Chloroaniline	10.94	127	44592	6.717	ng		92
34) Hexachlorobutadiene	11.13	225	133943	37.400	ng		98
35) Caprolactam	11.72	113	59054	32.161	ng		98
36) 4-Chloro-3-methylphenol	12.07	107	217290	40.092	ng		97
37) 2-Methylnaphthalene	12.44	142	415730	37.624	ng		99
38) 1-Methylnaphthalene	12.66	142	398241	38.178	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.81	216	232579	37.530	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.79	237	271243	70.029	ng		100
43) 2,4,6-Trichlorophenol	13.05	196	176508	40.357	ng		99
44) 2,4,5-Trichlorophenol	13.13	196	188962	37.956	ng		96
46) 1,1'-Biphenyl	13.45	154	537460	36.739	ng		98
47) 2-Chloronaphthalene	13.49	162	416459	37.256	ng		98
48) 2-Nitroaniline	13.69	65	139868	38.030	ng		96
49) Acenaphthylene	14.34	152	689098	37.846	ng		99
50) Dimethylphthalate	14.07	163	664559	42.404	ng		99
51) 2,6-Dinitrotoluene	14.19	165	136825	39.033	ng		97
52) Acenaphthene	14.68	154	540355m	43.862	ng		
53) 3-Nitroaniline	14.51	138	74960	19.498	ng		98
54) 2,4-Dinitrophenol	14.73	184	182556	87.582	ng		92
55) Dibenzofuran	15.01	168	678963	37.803	ng		98
56) 4-Nitrophenol	14.84	139	204995	68.768	ng		95
57) 2,4-Dinitrotoluene	14.98	165	189079	36.910	ng	#	94
58) Fluorene	15.67	166	564786	38.498	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.24	232	182200	41.131	ng		97
60) Diethylphthalate	15.44	149	606571	37.123	ng		100
61) 4-Chlorophenyl-phenylether	15.66	204	307108	36.369	ng		99
62) 4-Nitroaniline	15.68	138	126002	31.599	ng		99
63) Azobenzene	15.95	77	567431	37.667	ng		97
65) 4,6-Dinitro-2-methylphenol	15.74	198	129709	42.974	ng		97
66) n-Nitrosodiphenylamine	15.87	169	508984	38.579	ng		98
67) 4-Bromophenyl-phenylether	16.55	248	216841	36.604	ng		98
68) Hexachlorobenzene	16.68	284	226783	36.912	ng		98
69) Atrazine	16.82	200	193345	39.606	ng		99
70) Pentachlorophenol	17.02	266	298105	79.094	ng		98
71) Phenanthrene	17.40	178	912746	38.681	ng		99
72) Anthracene	17.50	178	921692	38.940	ng		99
73) Carbazole	17.76	167	858453	35.739	ng		97
74) Di-n-butylphthalate	18.33	149	1031140	38.568	ng		100
75) Fluoranthene	19.42	202	1106029	39.064	ng		98
78) Pyrene	19.78	202	1095127	38.930	ng		99
80) Butylbenzylphthalate	20.67	149	446063	38.255	ng		99
81) Benzo(a)anthracene	21.61	228	1038436	39.265	ng		98
82) 3,3'-Dichlorobenzidine	21.52	252	208087	19.768	ng		96
83) Chrysene	21.67	228	983018	38.686	ng		99
84) Bis(2-ethylhexyl)phthalate	21.52	149	627139	39.106	ng		98
85) Di-n-octyl phthalate	22.72	149	1068809	38.540	ng		99
86) Indeno(1,2,3-cd)pyrene	28.38	276	1302322	38.602	ng	#	97
88) Benzo(b)fluoranthene	23.79	252	1070307	38.114	ng		98
89) Benzo(k)fluoranthene	23.86	252	1059593	39.677	ng		97
90) Benzo(a)pyrene	24.64	252	977959	36.886	ng		98
91) Dibenzo(a,h)anthracene	28.44	278	1072324	40.138	ng		97
92) Benzo(g,h,i)perylene	29.49	276	1086583	40.568	ng		97

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

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